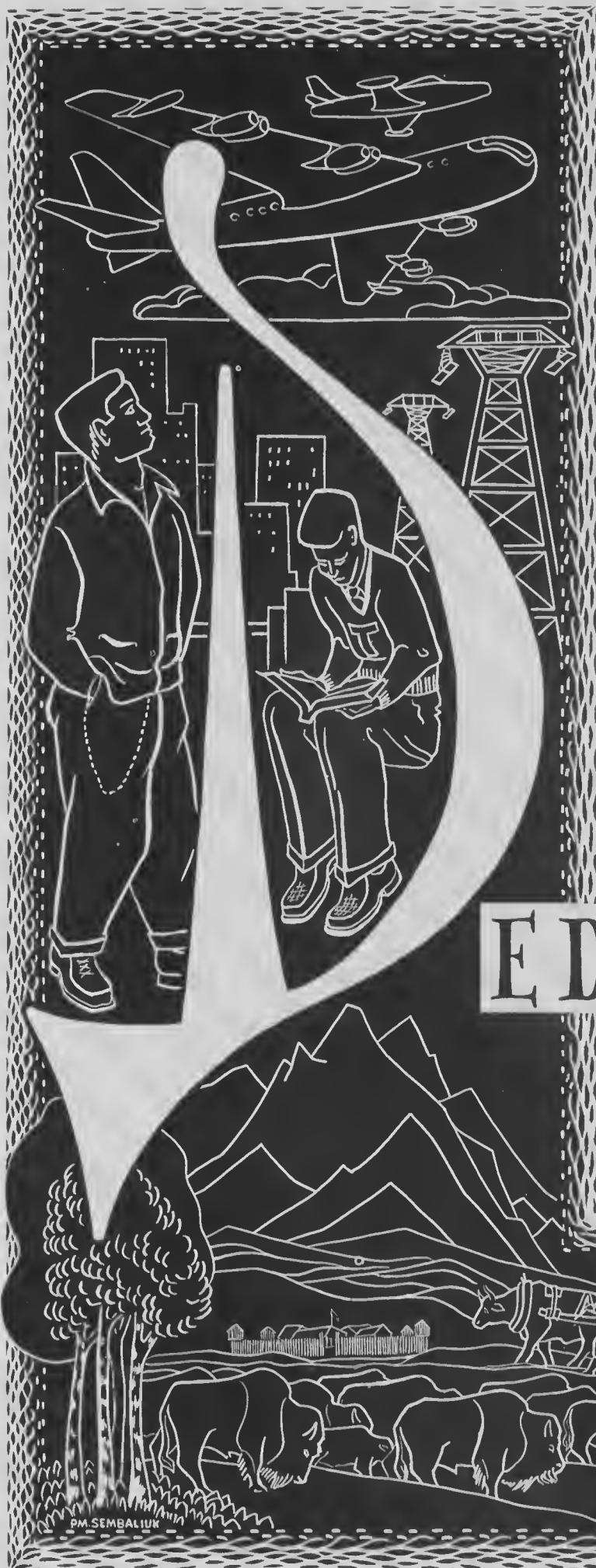


IN MEMORY
OF OUR LATE MONARCH KING GEORGE VI.

who died with tragic suddenness at his home in Sandringham on February 6th, 1952. His reigning years were characterized by an unfailing loyalty to his people, and a happiness and unity of family that is an example for all to follow. The loss of our beloved King is mourned throughout the world, but we are consoled by the fact that our new Queen has inherited many of the noble qualities of her Father, which when combined with the attributes of youth and vigour, will lead to a new era of happiness.

LONG LIVE QUEEN ELIZABETH II.



EDICATION


To the school we call our own,
—Her noble sapience doth teach,
What others' toils despair to reach.—

PM. SEMBALIUM

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Modern Science is opening up great fields of discovery and research. Industry is one phase of our national development which ranks high in the field of these discoveries. Due to this fact technically trained men and women are more in demand today than ever before. Trained personnel must be proficient in the mechanism and working of modern machinery and modern tools. No one person can ever hope to master them all; to each his choice; but to educate him, technical schools become a necessity. Schools that teach technical knowledge and manipulative skills will therefore demand an eager and appreciative following. Such a school is ours, the Provincial Institute of Technology and Art; and I would say to her,

"Youth asks for reasons, not for rules;
There's more than Latin to make plain."

May I take this opportunity to thank the editorial staff for their whole-hearted co-operation in producing this volume of the Tech-Art Record. In editing this edition a new era has been reached. It has become more an Institute production, the cover being wholly designed and produced by the Art Department, and the photography being handled by our staff representative. May this idea of "home" accomplishment be carried on and enlarged upon in future years. Acknowledgements to the printer, supporting advertisers and others who helped make this book a success is here due. Without them we would not have a Year Book. The contributors of this book hope it will serve as a memento of the year 1951-1952 at "Tech."

M. ALLAN BUEHLER,
Editor.





A Message to
the Students from
Hon. Ivan Casey
Minister of Education

"The aim of education is not only to train you to make a living but also to make life worth living."

I know that training in the necessary skills is thorough and practical in the Institute of Technology and Art. When you graduate you have the technical knowledge necessary to be successful in making a living.

It is my hope that the time you have spent at this school has also helped to give you a background which will make life worth living.

To make life worth living you must realize that in our way of life you must be a useful citizen. Your influence for that which is good and right must be felt on the job, among your associates and friends, in your community and throughout our land.

I know we can be sure that you will not only make a living but make life worth living in the years before you.



**A Message to
the Students from
Dr. J. Fowler**
Principal

It has been a great privilege and a wonderful experience to have been a member of the staff of the Provincial Institute of Technology and Art from its humble beginning in the Fall of 1916 until the present time—to have seen the generally upward trend of the Institute's enrolment and to have noted the increasing tempo of its activities and the improving quality of the services which it offers to the Youth of Alberta—to have spent more than half one's life in close association with many successive classes of bright, alert, and interested students, and with an ever-increasing group of colleagues highly endowed with qualities of humanity, competence, enthusiasm, and co-operation—to have followed with interest the careers of many hundreds and possibly thousands of "Tech" graduates, and to have watched many of them climb high on the ladder of success—to have observed many "Tech" boys and girls give leadership not only in technical matters pertaining to their vocations but also in the cultural and the social life of their communities. This has been a rich and satisfying experience.

In this, his last year of service with the Institute, the Principal desires to thank all his "Tech" friends (both students and staff—both past and present) who have made this experience possible. He has deeply appreciated their friendship and the many kindnesses he has received at their hands. He takes this opportunity to wish them, one and all, continued success and satisfaction in their careers whether within or without the walls of the Institute.

ADMINISTRATION STAFF



DR. J. FOWLER
M.A., B.Sc., L.L.D.
PRINCIPAL



E. W. WOOD
M.E.I.C., M.I.Mar.E.
SHOP DIRECTOR



G. E. BROWN
DIRECTOR OF EVENING CLASSES
AND PLACEMENT OFFICER



MISS I. SINCLAIR
BURSAR



MISS E. M. DOWKES
CORRESPONDENCE DEPT.



MISS M. S. ADIE
SECRETARY



MISS L. A. HOOVER
SECRETARY



MISS E. BRYANT
STENOGRAPHER



MRS L. A. EMMERSON
LAB. ASSISTANT



W. D. H. ROBERTS
LIBRARIAN



L. WATSON
STOREKEEPER



G. CHURCH
ASSISTANT STOREKEEPER



H. GLOVER
HEAD JANITOR

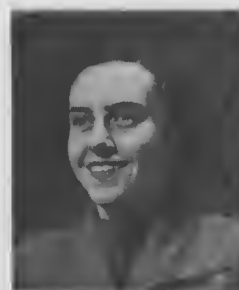
EDITORIAL STAFF



ALLAN BUEHLER
EDITOR



LEE GUYN
ASSISTANT EDITOR



MARY BELL LAWSON
BUSINESS MANAGER



PAUL SEMBALIUK
ART EDITOR



ART HOPPING
ART EDITOR



BILL OLIPHANT
PHOTO EDITOR



BOB HILKER
ADVERTISING MANAGER



NORM BAKKEN
SALES MANAGER



BOB KEYS
CANDIDS



J. PLATT
EDITORIAL ADVISOR



S. E. BLODGETT
ART ADVISOR



J. A. MIDDLETON
PHOTO ADVISOR



A. J. BOWERING
ADVERTISING ADVISOR

THE ROYAL VISIT

All school boys like holidays. The "Tech" boys are no exception. Our holiday of the October 18th, 1952, was such a one, and doubly enjoyable so, as it was the occasion of the visit of our Royal Guests, the then Princess Elizabeth and her husband the Duke of Edinburgh. Time has since magnified the importance of this visit as we now hail Her Royal Highness as Her Majesty Elizabeth II.

Calgary and her schools turned out in the full degree of her splendour and with controlled excitement thronged the streets cheering her visitors. As if unable to resist the temptation and eager to show just what Western winter could do, it turned cold and snowy—presenting a background suitable enough to portray the hardiness and vigor of the peoples of the West. As a result, warm and enthusiastic hearts welcomed our Royalty and felt their greeting reciprocated.

The immaculate and smiling Duke showed himself a gallant escort to our willing, if perhaps rather shy Princess. As they smiled and waved from their limousine, they left with us a picture as noble as it is precious. The school boy in all of us at "Tech" felt an added thrill of loyalty and admiration for the heiress.

Our visitors not only proved themselves worthy of their position, but they fully captured the hearts of all Calgary and the West, as they rubbed shoulder to shoulder with the common man, and sat through the cold and snow to watch our Stampede in miniature. For me, perhaps, the final climax of their visit came as they emerged from the Indian Tepees and almost brushed those of us who unwittingly stood by the flaps, scarcely realizing that Royalty was so close. So it was that to the Indians they became as Indians, to the French-Canadians as French and to us in Calgary as Galgarians and true Westerners.

To all they proved the oneness and personal identification, showing unmistakable appreciation of our efforts and love. Such a couple we of Calgary and "Tech" laud with joy as our beloved Queen and noble Duke.

"LONG LIVE THE QUEEN."

LUKE MacNAB,
L.S. 1.



INSTITUTE BUILDINGS

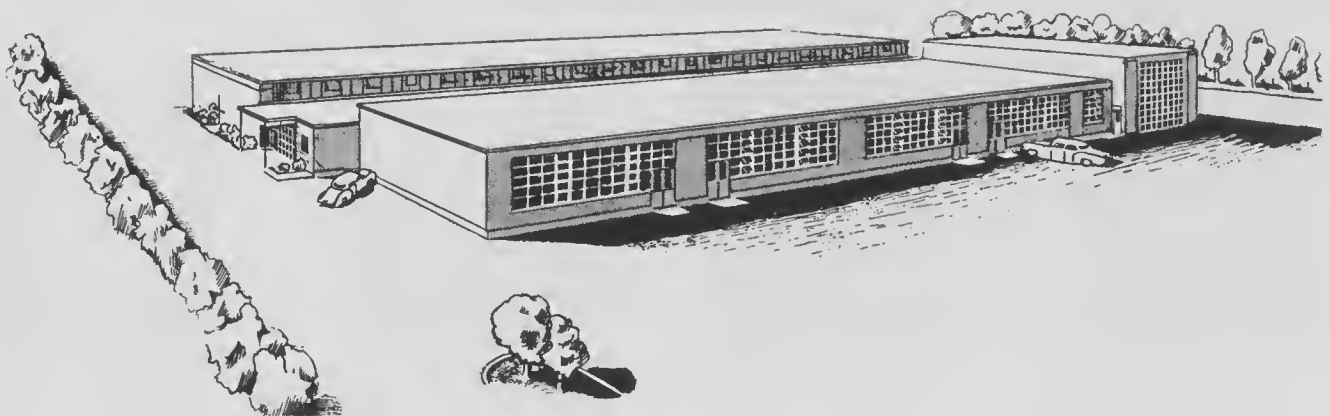
Starting in temporary quarters in East Calgary in 1916 the Institute has been continually expanding. In 1921 the present quarters were started to provide a new home for the Institute and also the Faculty of Education. These buildings consisted of the present main building, shops building and power house. The shops have had two additions made to them—in 1926 and 1929.

In 1940 the Institute moved out of their buildings and loaned them to the Royal Canadian Air Force to form the nucleus of No. 2 Wireless Station. The Art and Dressmaking Courses were carried on in the Coste House and the other courses were carried on under the grandstand at Victoria Park, for the duration of the war. It is most interesting to note that during this emergency period the Institute provided at one time around the clock lectures. These were, however, later changed to two shifts a day.

The Institute returned to their home in 1945 and were able to secure a number of the thirty-odd buildings the Air Force had left behind. Thus the Aero Hangar, Building Construction and Drafting, and the Crafts buildings were added to an expanding "Tech."

In 1951 three new class rooms and additional offices were built in the form of a corridor from the Main Building to the Shops. The gateway to "Tech" was given a new face lifting and the University of Alberta began operations in the former Faculty of Education premises.

This summer we will see a new addition to the Institute in the form of a new half a million dollar Shops building. This new building will house the Building Construction Department and provide more shops for the Motor Mechanics Department. Another addition that it is hoped will be forthcoming soon, is a new building to house the Drafting Department and the Craft Work. A third new building, is also being planned to house extensions of the apprenticeship training programme.



STUDENTS' EXECUTIVE

FALL TERM

It was with great honor that I was elected Vice-President for the Fall Term and as the President has left it falls on my shoulders to give the President's Report. My first meetings were held in nervousness and anxiety and I'm afraid strictly not in proper procedure but with the co-operation of all, were passed smoothly.

It was a source of great enjoyment to work with the Fall Executive, which were really a swell bunch, and too our advisors, Mr. Young, Mr. Smith and Mr. Goode, for their splendid co-operation in making things so much easier for me.

The world today is a technical place where a person must be well trained and educated to take his or her place. The training learned at Tech is invaluable in our struggle up the ladder of success, and makes the climb so much easier.

To all those who graduate at the end of the school year 51-52 the best of luck and may your climb up the ladder of success be easy, and to all those continuing, the best of luck in school work and school activities.

DON ATTWELL,
K 1.



LES ANDERSON
PRESIDENT



DON ATTWELL
VICE-PRESIDENT



DONNA WRAY
SECRETARY



MARGARET COURTNEY
SOCIAL CHAIRMAN



BOB PITTS
ATHLETIC CHAIRMAN



NORM BAKKEN
LITERARY CHAIRMAN

STUDENTS' EXECUTIVE

As President of the Students' Association, Spring Term, I wish to record my sincere appreciation for the fine co-operation displayed by both staff and students in supporting all undertakings of the Executive.

The school year 1951-52 has been a year of construction at "Tech." Not only have there been new ultra modern classrooms and shops erected, but we are consistently building greater interest in extra curricular activities. The Association's main function is to support activities, and a high interest in student activities creates "school spirit," something we should all have. In future years let us hope school spirit created at "Tech" will not be equalled elsewhere.

I doubt if we could manage without the constructive staff advice offered by Dr. Fowler, Mr. Young and Mr. Goode. These men are builders of student government, of them the Executive is most proud.

In closing I wish the graduating students a successful future and to the under-grads, a spirited and enjoyable second year. On behalf of the Spring Term Executive I would like to thank the student body for their vitality, enthusiasm and co-operation displayed in every department of Student Activities. This enables me to say sincerely, "It's been an honour serving you."

NELSON MacDONALD, R 2.



N. MacDONALD
PRESIDENT

STUDENTS' EXECUTIVE

WINTER TERM



BOB PITTS
PRESIDENT

It was a great honour for me to have been elected for the office of President of the Students' Association for the Winter Term. The experience, and knowledge, I gained was invaluable. My sincere thanks goes to the Council and Class "Reps" for the co-operation they gave in carrying out the affairs of the Association. The business of the Association was largely carried on by the Executive because of the lack of interest shown towards the General Assemblies.

The Annual Banquet, the Emery Weal, the Tech-Art Record and the Basketball team are only a few of the activities in the school and are to be congratulated on their efforts.

In closing I would like to express my appreciation for the assistance of the Institute Staff, especially Mr. Young, Mr. Goode and Mr. Smith in helping the Executive with its problems. I'd like to wish all those graduates and future graduates the best of luck and success in their chosen occupations.

R. W. PITTS
L. S. 2.



JERRY JONES
VICE-PRESIDENT



MARY BELL LAWSON
SECRETARY



ANNETTE PATTERSON
SOCIAL CHAIRMAN



WALTER BROWN
ATHLETIC CHAIRMAN



LUKE McNAB
LITERARY CHAIRMAN

SPRING TERM



D. DOERING
VICE-PRESIDENT



R. BRENNAN
SECRETARY



D. WEBER
SOCIAL CHAIRMAN



TOM SWANBY
TREASURER



PAUL SEMBALIUK
ATHLETIC CHAIRMAN



R. OLSEN
LITERARY CHAIRMAN



ARGILLO DOZZI
BUSINESS MANAGER



CHRIS FALCONER
BUSINESS MANAGER

THE AERONAUTICS DEPARTMENT

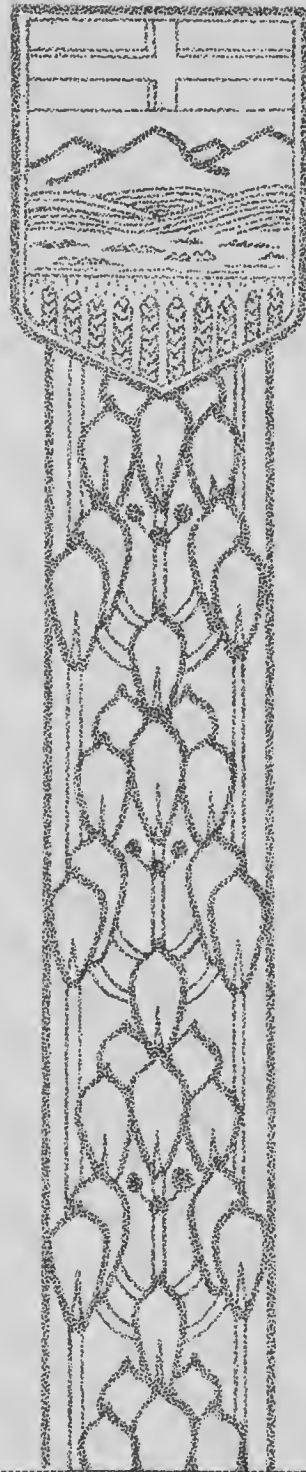
This Department was originated in 1931 by Mr. A. A. Peebles and headed by him until 1951. Mr. W. A. B. Saunders is now handling the Department. Mr. G. Pilkington was an early instructor, also Mr. W. E. Jamison. When Mr. S. N. Green came to the Department they were authorized to do commercial overhauling and repairing of aeroplanes. "Tech" is the only school in Canada so licenced. Mr. A. Shapiro joined the staff in 1948.

The Department started with a Sopwith Camel aeroplane, two rotating and one V-type aero engines, aerofoils, and some navigation equipment. They now have their own hangar for shop work and a strength of materials testing laboratory.

The original course taught by the Department was Aircraft Maintenance Engineering. The objective of this course is to provide the technical training required to pass the Department of Transport Examinations for the class "A" Aircraft Maintenance Engineers Certificate. This two year course provides instruction in airframe and aero engines.

In 1948 a third year course, Aeronautical Engineering, was started by this Department. This course gives the student the higher technical instruction necessary to pass the examinations for the Associate Fellowship of the Royal Aeronautical Society.

Twenty graduates are now with A. V. Roe of Canada in Toronto. Some are working as engineers in the Design Department and two have become group leaders in the plant. Last year A. V. Roe took all the graduates. Other sources for employment include Fleet Aircraft Co., Fairchild Company and Pratt and Whitney Company. Other graduates join the Royal Canadian Air Force.



Aeronautics Dept.

AERONAUTICS INSTRUCTORS

The expansion of Canadian industry and particularly the aircraft industry has become so rapid that today there is a definite shortage of engineers and skilled workers. This places the present graduating class in the enviable position of being able to gain employment in their chosen field with very little difficulty.

We expect you to be a success, but remember you have just completed the foundation of your education. That foundation must be expanded and built upon. Remember our Tech motto: "Progress, Perserverance, Precision".

The door of opportunity is wide open, advancement is unlimited for those with skill, knowledge, initiative and determination.

W. A. B. SAUNDERS,
Head—Aeronautical
Department.



W. A. B. SAUNDERS



S. N. GREEN



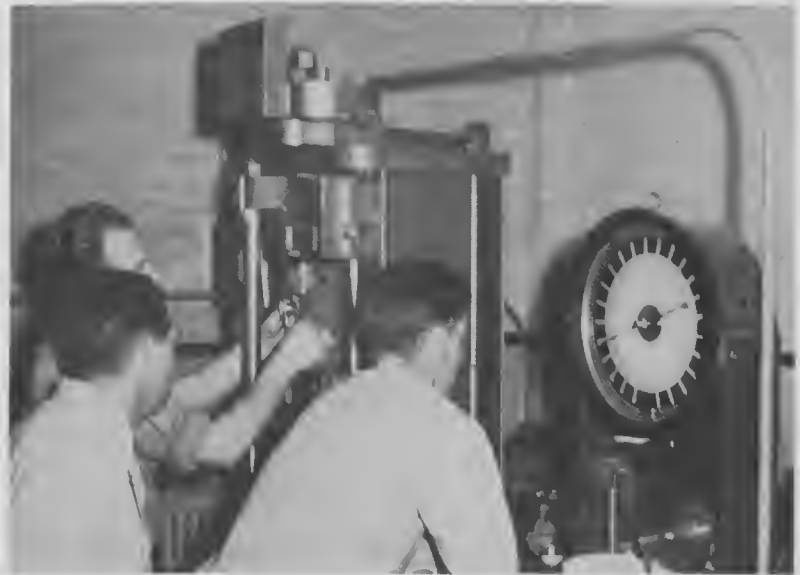
W. E. JAMISON



A. SHAPIRO



AIRCRAFT MAINTENANCE ENGINEERING (1)



FIRST ROW :

BARNICK, John Edmonton
 CAVANAUGH, Donald Allan Calgary
 CAVANAUGH, Stewart Ross Calgary

SECOND ROW :

CHEVELDAVE, John Castlegar, B.C.
 CLEVEN, Earl G. Langley Prairie, B.C.
 FLUET, Raymond Ernest Barrhead

THIRD ROW :

HERBUT, Joseph Diamond City
 HORLACHER, Byron Earl Lethbridge
 JANKOLA, Joseph Lawrence Trail, B.C.
 KEYS, Robert Alexander Grande Prairie
 Candid Shots, Tech-Art Record, Banquet Com.
 MacLEAN, Frederick Garry Edmonton



AIRCRAFT MAINTENANCE ENGINEERING (1) Cont'd



FIRST ROW :

MALO, Patrick Delbert Taber
 SHARRATT, Kenneth Frank Calgary
 Basketball Team.
 TATEISHI, Jimmie New Denver, B.C.

AIRCRAFT MAINTENANCE ENGINEERING (2)



FIRST ROW :

BELL, Wilfred Harry Vancouver, B.C.
 BLAKELY, Lawrence A. Davidson, Sask.
 Hockey Team.
 BROWN, Walter Covington Trail, B.C.
 Captain Basketball Team, Athletic Chairman,
 Winter Term Executive.

SECOND ROW :

BURTON, Gordon Frank Vanguard, Sask.
 LUZAR, John Frank Trail, B.C.
 MATTIS, Frederick Arnold Bruce
 MacWHIRTER, Donald A. Kimberly, B.C.
 Hockey Team, Class Representative.
 MONTEZUMA, Tito Vancouver, B.C.
 M.C. at Tech Dances.



AERONAUTICAL ENGINEERING (3)



FIRST ROW :

CONSTABLE, Robert A. Innistail
 DARNELL, William Edward Calgary
 FALCONER, Christopher B.
 Ste. Anne De Bellevue, Que.
 Manager, Students' Stores.

SECOND ROW :

GISLASON, Olafur Johann Iceland
 HARSHMAN, George Edward Calgary
 HOWAT, William A. K. Red Deer

THIRD ROW :

MALYON, George Murray Olds
 Chairman, Banquet Com., Curling Club,
 Budget Com.

FOURTH ROW :

MCDONALD, Robert Bruce Bowness
 Banquet Com., Curling Club.

FIFTH ROW :

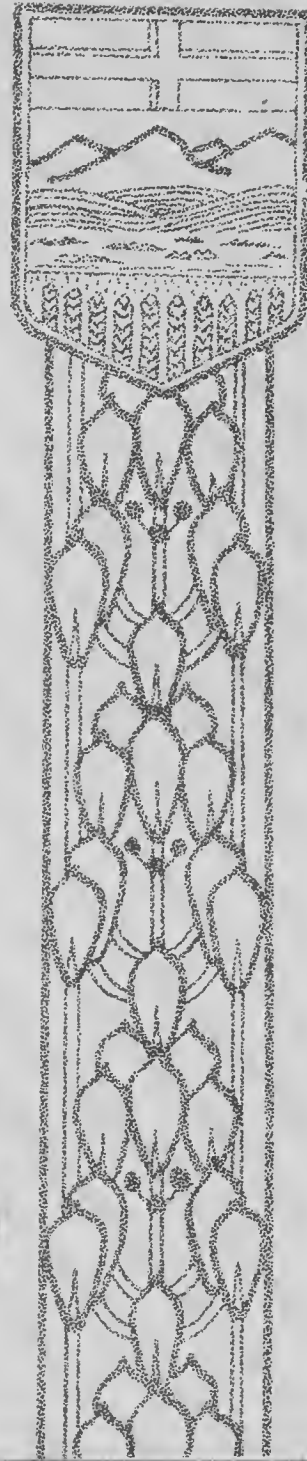
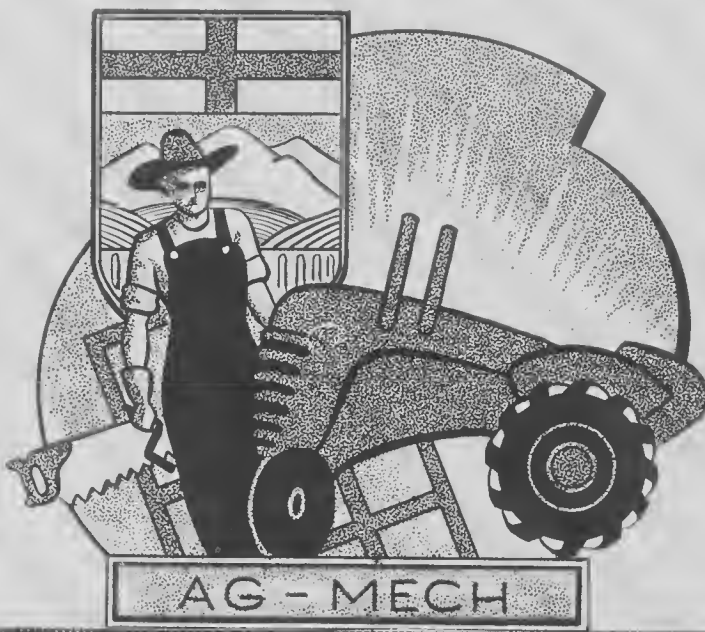
OSLER, James Calgary
 ROBERTS, W. Dave H. Calgary
 Tech. Librarian, Candid Shots Tech-Art Record.
 SKULSKY, Robert Stanley Wostok
 THURSTON, Thomas M. Calgary
 WEBSTER, Lyall Alfred Vernon, B.C.
 Badminton Club, Curling Club, Rifle Club.



AGRICULTURAL MECHANICS DEPARTMENT

This Department started out as a tractor course under the direction of Mr. T. A. Headly. It would be most interesting to see what some of our students would do with the equipment the Department had at their disposal in 1921. If you have not heard of some of these tractors, maybe your father has; one Case Tractor 15-27, one Sawyer Massey Steamer, one Titan Tractor, one Waterloo Boy Tractor, one Sawyer Massey Tractor, one Cleveland Tractor, one Fordson Tractor, one Goold-Sharpley "Ideal" Tractor, six stationary engines, carburetor parts, etc.

Mr. J. K. MacKenzie became Head of this Department in 1939. The purpose of the course is to prepare owners and operators to operate intelligently and repair farm power machinery. Courses are given on tractors, diesel, farm machinery, building construction, economics and welding. All the staff but Mr. MacKenzie are Institute graduates. One graduate is Service Manager of International Harvester Company in London, Ontario. The course best trains young men for modern farming, and that is where most of the graduates are to be found.)



Agricultural Mechanics

AGRICULTURAL MECHANICS AND FARM CONSTRUCTION INSTRUCTORS

One hundred years ago seventy-five percent of the people living in what is now Canada, lived on the land. They produced enough food for themselves and for the remaining twenty five per cent; but nothing for export. Now only twenty-five per cent of all the people of Canada live on the land. Their productions of food is such that they feed all the people of Canada and are frequently harassed by surplus.

This tremendous change has been brought about entirely by a change over from a man-powered agriculture to a mechanized agriculture. The machine in agriculture is one of the outstanding wonders of our age. The efficient management of this machine is one of the most important problems of our age.

J. K. MacKENZIE,
Head—Agricultural
Mechanics Department.



J. K. MACKENZIE



W. H. BULL



D. G. ODELL



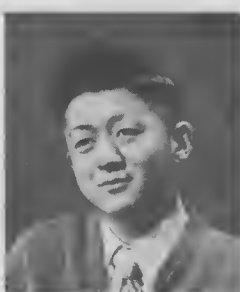
J. R. REID



R. J. WARDEN



AGRICULTURAL MECHANICS (1)



FIRST ROW :

ANDERSON, Eric Kingsley Rosedale
BARTOSEK, Jerry Henry Cranford
BAUMBACK, Herbert Jack Bentley

SECOND ROW :

CROKEN, Patrick Vincent Grande Prairie
CUSTEAD, Raymond Lavern Airdrie
DAMKAR, Ernest Calgary
Rifle Club.

THIRD ROW :

DERSCH, Aubrey Ferdinand Granum
DUHN, Earl Larson Hubalta
ERSKINE, Douglas Lomond
Curling Club.

FOURTH ROW :

FINSTAD, William Leonard Pendant D'Oreille
Curling Club, Badminton Club, Rifle Club.
FORRAYI, Alex.
Dramatics Club.
FRASER, Douglas M. Hussar

FIFTH ROW :

HAUGAN, Henry Orion
Rifle Club, Curling Club, Badminton Club.
HILTON, Gordon Bruce Strathmore
HIRONAKA, Tsuyoshi Rosemary
KNUDSEN, Carl Eric Hussar
KURINA, Henry Frank Cranford

AGRICULTURAL MECHANICS (1) Cont'd



FIRST ROW :

LILLIES, Donald Phillip Calgary
 MacDERMID, Daniel H. Drumheller
 MACHACEK, Stanley Turin

SECOND ROW :

MATSUNO, Makoto Raymond
 MICHALKO, Albert Calgary
 MILLER, Merrill Bew Dalemead

THIRD ROW :

McBRIDE, Donald Roy Arrowwood

FOURTH ROW :

OISHI, Yoichi Raymond

FIFTH ROW :

OOSTENBURG, Ralph Granum
 PETRASHUYK, John Norman Rosebud
 PLANT, William Frank Marshall, Sask.
 RUDIGER, John.
 SAGE, Robert Lee Calgary



AGRICULTURAL MECHANICS (1) Cont'd

FIRST ROW :

SEWARD, Dave Ebenezer Magrath
Rifle Club, Class Rep.
SHERRET, James Alexander Carmangay
THOMPSON, William Frederick Vauxhall
Class Rep., Fall Term Exec., Dramatic Club.



SECOND ROW :

VIERBOOM, Joseph A. Rosebud
WALKER, Bryan Pincher Creek
Rifle Club.
McCULOCH, Stanley Coutts
Agricultural Mechanics (2).



NO PHOTOS :

ARMSTRONG, Nelson Volney Shouldice
CAPITAINE, Marcel M. Cochrane
HOWIE, Byron High River
MEHLE, Arthur Trochu
McKAY, William Calgary
WILLIS, Theodore S. Pincher Creek

AGRICULTURAL MECHANICS (2)

FIRST ROW :

BENNETT, Bruce Maitland Mannville
BROWN, Ervin Rhinehart Ensign
Basketball Team.
BURGESS, Melvin Ralph Vulcan
Class Rep.

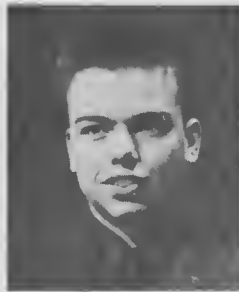


SECOND ROW :

DAM, Jens Henry Petersen Rowley
Rifle Team.
HILTON, Ronald Joseph Strathmore
Curling Club.
SARUWATARI, Minoru Raymond
SHANTZ, Sylvester John High Prairie
SMITH, Ernest N. Trochu



AGRICULTURAL MECHANICS (2) Cont'd



FIRST ROW :

THOMPSON, William Ronald Arrowwood
WENGER, Rodney Dean Oids
WENGER, Ronald Lesly Oids

FARM CONSTRUCTION AND MECHANICS



FIRST ROW :

BLUST, Bernard S. P. Masinasin
Rifle Club, Class Rep.
CURRIE, Charles Keith Irma
Rifle Club.
JAMES, Donald Elwood Carstairs

SECOND ROW :

MORESIDE, Rolland Robert Tuberose
Rifle Club.
STAFINSKI, John Alozie Mannville
USHER, Howard Cogan Big Valley

NO PHOTO

PETERSEN, Norman Ardenode



BOTTOM ROW :

PETERS, Hans Carl Hines Creek

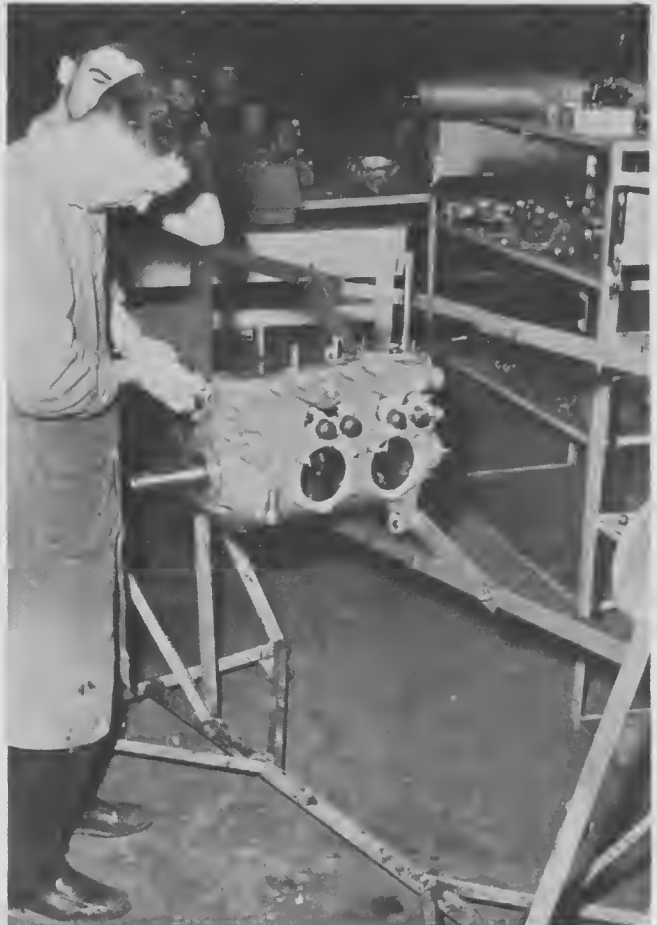
NO PHOTOS

ANDERSON, Philip Twin Butte
FITZPATRICK, Charles Twin Butte

SHORT TRACTOR



AGRICULTURAL MECHANICS CANDIDS

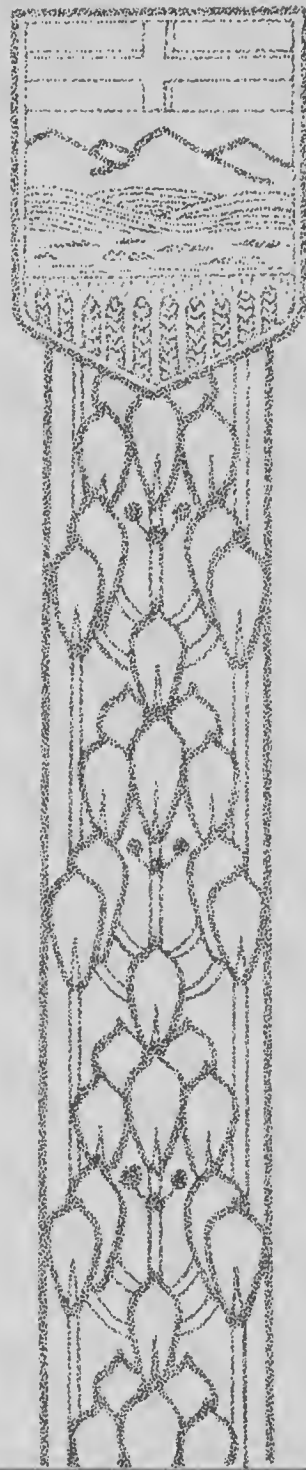
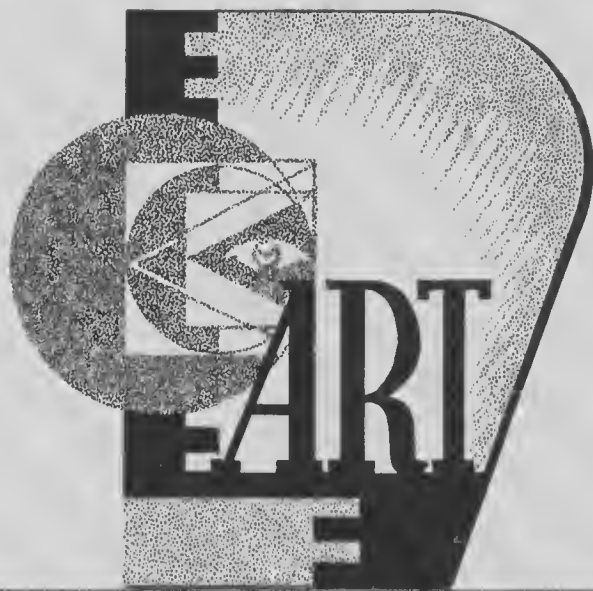


THE ART DEPARTMENT

The course was first offered in 1916 but it was not until 1926 that under the direction of Lar Hankanass that it became successful. Day classes have been continuing ever since and night classes in Art are given. A new feature in 1947 was the addition of Saturday Morning Classes for children. Other Directors through the years have been Mr. Leighton, 1929, Mr. H. G. Glyde, 1935, Mr. J. W. MacDonald, 1946 and Mr. I. H. Kerr, 1947. (The Department has five full time instructors now.)

During the last few years, students of the Department have won honors in the Dominion wide poster contests sponsored by the Victorian Order of Nurses. Other awards won are scholarships presented by the Alberta Visual Arts Board. Outside commitments are undertaken by day students who make this part of their technical training. This aids them financially.

Gratifying rewards have been obtained by graduates in Commercial Art through general advertising and display work. Graduates in Crafts and Ceramics are employed by the handicrafts division of the Red Cross in leather work and weaving. Fine Arts graduates have been employed as art instructors and have made many outstanding contributions to the exhibitions of the Alberta Society of Artists.



Art Department

ART INSTRUCTORS

Each year new names, new faces, and behind each a questing spirit, seeking. Just to create a form, to enhance a space with line and colour? That has been done and done since primitive times, and in many ways—romantic to classic, totemic to non-objective—with styles discarded, techniques reborn. Still the urge remains, and perhaps more than ever a sense of craftsmanship stirs us to use our hands deprived of skill by machines. But mere skill cannot satisfy the creative mind, and so, unless subservient to popular demand or to the needs of commerce, there finally opens that path of highly personal adventure—a search for equivalents with which to express the paradoxical unity of our universe.

Few reach that point of maturity which allows full expression of one's highest self, so rare is greatness; yet let us remember that our degree of civilization is not general: it is a purely individual attainment.

I. H. KERR,
Head—Art Department.



I. H. KERR



S. E. BLODGETT



L. O. LINDOE



M. F. NICOLL



J. S. PERROTT,



A. B. VAN DELINDER





DAY DREAMING

FIRST ROW :

BEASLEY, Mary Ellen Calgary
BURDEINEI, Emanuel Michael Edmonton
CAMPBELL, John Maurice Calgary

SECOND ROW :

COLVIG, Bruce Calgary
DAVIE, Patricia Marion Luscar
Basketball Team, Badminton Club.
DOWLER, Richard Lloyd Mulhurst
Basketball Team, Emery Weal Staff,
Badminton Club.

THIRD ROW :

FIELDING, Grace Eleanor Eston, Sask.
GODWIN, Edward William Calgary
HANINGTON, Douglas Lorne Victoria, B.C.
HORNECKER, Helen Annabel Nanton
Art Club
LATIMER, Margaret Anne Calgary



ART (1) Cont'd



ODDS AND ENDS



PATIENCE IS A VIRTUE

FIRST ROW :

LOVELACE, Marlene Winnifred.

Basketball Team.

MacDONALD, Jack Roland Regina, Sask.

Banquet Com.

McHUGH, Clarence Jr. Gleichen

SECOND ROW :

RECKY, Helen Mary Calgary

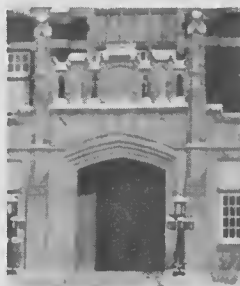
ROBINSON, Deirare J. Calgary

UNGSTAD, Rolf Erling Ponoka

Banquet Com.

WIECHULA, Tadeusz Calgary





FIRST ROW :

BIDNIAK, Nicholas Vegreville
 DAVIS, Henry Duncan Calgary
 DEXTER, Walter Gibson Calgary
 Basketball Team.

SECOND ROW :

ELLIOTT, Donald Leslie Prince Albert, Sask.
 HIROTA, Sho Barnwell
 KISS, Steve Joseph Calgary

THIRD ROW :

LaPOINTE, Jean Marie Saskatoon, Sask.

FOURTH ROW :

MacDONALD, Nelson Horatio Calgary
 Banquet Com., Emery Weal Staff, Hockey Team,
 Art Rep., Curling Club, Designer of Tech Crests.
 President Spring Term Exec.

FIFTH ROW :

MITCHELL, John Charles Calgary
 SKOCHLAS, Michael Drumheller
 STOBO, Robert Mervin Calgary
 SUTERMISTER, Edythe Joy Gleichen
 Art Club.
 WIER, Thomas Nelson Bow Island
 Pres., Badminton Club; Pres., Dramatic Club.



"WOW"!



ART (3)



MAY I HAVE THIS DANCE?

FIRST ROW :

COLLETT, Alice Edith Calgary
Dramatics Club.
HOPPING, Arthur Samuel Edmonton
Art Editor Tech Art Record, Art Club.
PATMORE, N. R. Jacqueline Victoria, B.C.
Banquet Com., Basketball Team,
Badminton Club.

SECOND ROW :

SWITZER, Mary Blairmore
SWITZER, Phillip Blairmore
VAN DEN BURG, Addfine L. Calgary

THIRD ROW :

CLAPP, Lillian Elora Ponoka
Art Club.
SEMBALIUK, Pual Maxium Willingdon
Art Editor Tech Art Record, Art Club.

ART (4)





Advanced Commercial Art students submitted cover designs of outstanding quality for the Tech-Art Record this year. Two of the designs were decided upon by the Year Book Committee; one to be used on the 1951-1952 book and the other the 1952-1953 cover.

The one selected and used this year was designed by Paul Sembaliuk. Paul Sembaliuk and Art Hopping, as our editors of this year's Record, had the full co-operation and assistance of the Commercial Art students.

Another new feature this year is that the cover of the Year Book has been reproduced using the Silkscreen Process by the following advanced Commercial Art students: Lillian Clapp, Paul Sembaliuk and Art Hopping.

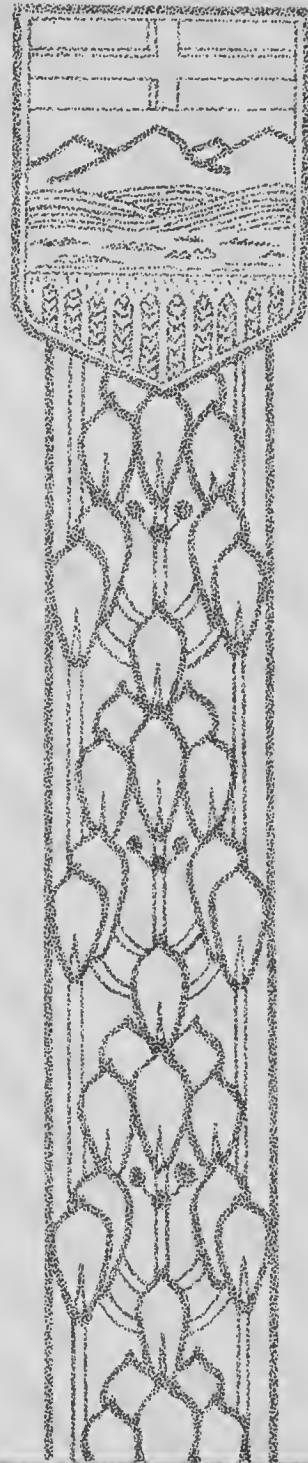
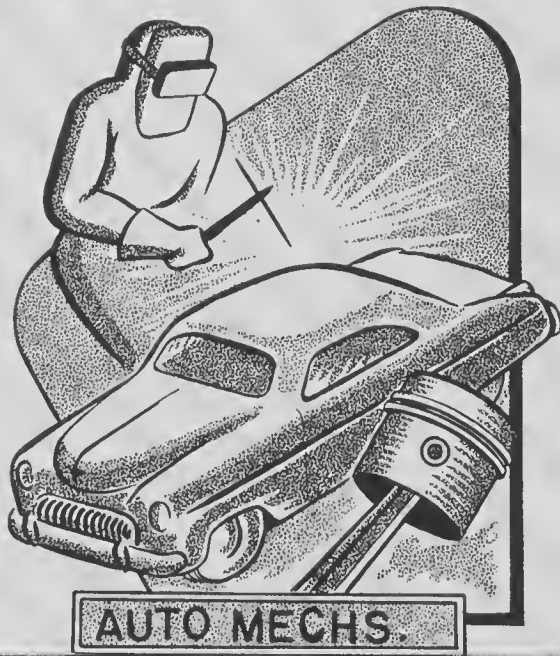
The three students concerned are to be congratulated on this original achievement in adding a real personal touch to the cover, and at the same time achieving a great deal of economy in our production.

AUTOMOBILE MECHANICS DEPARTMENT

This Department was headed by Mr. C. A. Choate until his death in 1951. Mr. Choate had led the Department for thirty-two years and was interested in "Tech" sports, especially basketball. He served with the 31st Battalion during the First World War. He commanded the 13th Field Company, R.C.E. at the start of the Second World War and was awarded the Efficiency Decoration for his work as Supervisor of the Canadian Army Trade Tests. Mr. Choate returned to "Tech" in 1946, and at the time of his death he was District Commissioner for the Scouts.

Mr. F. Wynne became Head of the Department in 1951, and was a department student of 1922. One of the Department's most newly equipped rooms is a product of Mr. Wynne's initiative. The Paint and Spray Room was designed by him after he toured five of the great car manufacturing firms in the East, taking the best ideas from each. It contains 200 infra-red, 250 watt bulbs, which provide a temperature of 240 degrees F. A fan and filter move 200 feet of air a minute, providing fresh air and removing fumes, enabling the painters to work without masks. A car is painted and baked dry in half an hour.

This modern-shop contains such equipment as Bear Alignment, frame straightening, front-end alignment, wheel straightening and balancing, head light testing, etc. In the brake shop, brake drums are trued on lathes with guages and shoe bonding is done. With the addition of the new shop building will come a vehicle dynamometer. This machine duplicates road conditions encountered by a car with automatic gear transmission. Corrections can be made right in the shop. Graduates of this Department are found in garages, as mechanics, service managers and shop foremen. They have become leaders in their field as a result of this training.



Automobile Mechanics

AUTOMOBILE MECHANICS INSTRUCTORS

The Automobile Mechanics Department continues to expand. An additional building is to be built for next term to house all Automobile Mechanics Apprentices for the Province of Alberta.

The new shop will be eighty feet by two hundred and seventy-five feet, and will have a complete new set of equipment.

By the end of our 1951 - 52 term eight hundred and ninety-six students will have taken training in the Automobile Mechanics Department. Of this number one hundred and seventy-one were in Autobody repair and painting, six hundred and nineteen Automobile Mechanics Apprentices, forty-two in regular Institute Courses, and eleven Industrial Arts teachers taking training in Automotive, leading to the degree of Bachelor of Education. Also fifty three students were enrolled in night classes. The department instructional staff has been increased to ten instructors. Our shops have taken on the busy appearance of large Commercial Shops seen in industry.

On behalf of the staff and myself I would like to express our appreciation for your enthusiasm and co-operation which has made 1951 - 52 a pleasant year. May we wish you every success in the future.

F. B. WYNNE,
Head—Automobile Mechanics Department



F. B. WYNNE



F. G. FORSTER



R. M. REID



C. LUNDY



W. MOORE



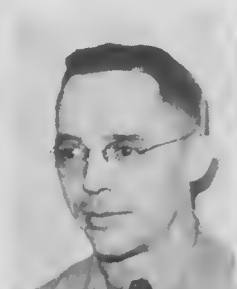
F. PRICE



S. SIMONS



N. G. TWEEDLE



R. W. VAN DUZEE





IN MEMORIAM

MR. C. A. CHOATE, A.M.S.A.E.

The sudden death of Mr. Choate, July 15, 1951, was a shock to all the Instructors and Students who knew him as a friend and companion.

He will long be remembered as an excellent instructor, patient and kindly in his manner, with a driving spirit to serve youth.

The heartfelt sympathy of the Instructors and his Students are extended to Mrs. Choate and family.

"The measure of a man's life is the well-spending of it and not the length."—Plutarch.

AUTOMOBILE MECHANICS (1)

FIRST ROW :
 ABEND, Ewald Leduc
 ARMSTRONG, Donald Gartheny Olds
 BARDY, Zontan Calgary



SECOND ROW :
 BASARY, Mike Cambria
 BERG, Eric Erling Millicent
 BODNARUK, John Cappon



THIRD ROW :
 BOUWSEMA, Tymen Nobleford
 CARLSON, Harold Alexander Grandlea
 Badminton Club, Rifle Club.
 CARLSON, Toralf Dahl Grandlea
 Rifle Club.
 CLARK, Theodore Macleod
 HENINGER, Laurence Stanley Cardston



AUTOMOBILE MECHANICS (1) Cont'd



FIRST ROW :

HOLAN, Henry Floyd Calgary
JOHANSEN, Ronald Albert Calgary
KUKLISIN, George Cambria

SECOND ROW :

LEVICK, Theodore Finlay Trail, B.C.
McVEIGH, William Harold Drumheller
MISHIMA, Akio Taber

THIRD ROW :

MOREAU, Lawrence Adrien Calgary
MRAZ, Andrew Anthony Nacmire
PARISOTTO, Lino Attilio Trail, B.C.

FOURTH ROW :

READER, Phillip Joseph Calgary
RILEY, Charles Oscar Granlea
Rifle Club, Badminton Club.
ROZAK, William Radway

FIFTH ROW :

SAWADA, Seiji Cranford
SCHNEIDER, Walter Christian Vegreville
Rifle Club.
SHORT, Murray William High River
Rifle Club, Class Rep. Exec.
STANLEY, Ronald Grainger Wetaskiwin
SZTEINA, Joseph Diamond City

AUTOMOBILE MECHANICS (1) Cont'd

FIRST ROW :

WINENS, Richard Leslie Bergen
 WILSON, Barry Clarke Summerland, B.C.
 WOMACKS, Lorne Robert Millet
 Rifle Club.

NO PHOTOS :

THOMAS, Donald Glyn Calgary
 VICKERS, William Joseph Calgary



AUTOMOBILE MECHANICS (2)

FIRST ROW :

KAVAL, William Joseph Coaldale
 NAKATSU, Paul Satoru Coaldale

SECOND ROW :

OLIVER, George Thomas Medicine Hat
 PARISOTTO, Carlo John Trail, B.C.
 THOMPSON, Richard Lawrance Kipp
 Emery Weal Staff.
 WAKABAYASKI, James Sado Kelowna, B.C.
 Class Rep. Fall Term Exec.
 YOKOYAMA, Roy Ichiro Rosebery, B.C.
 Rifle Club.



WELDING DEPARTMENT



R. R. SHEARER

Due to the rapid development of welding in the past few years, there are now thirty seven different welding processes. Engineers, who in the past were dubious, are now quick to seize upon the advantages of welded design and construction. So great has been its expansion, that today it is considered the third largest industry in the world.

Its greatest limitation at present is the lack of skilled tradesmen to engage in this field. The quickening tempo caused by rapid development, has made it difficult indeed, for the operator to keep abreast of the times, especially those not engaged in the highly industrialized areas.

With this in mind the welder must spend more time on the reading of informative articles, and give more thought to the future. Let no grass grow between your toes!

Good luck fellows, and good welding.

R. R. SHEARER,
Head—Welding Department.

WELDING DEPARTMENT

Mr. R. R. Shearer came to the Institute in 1947 to be in charge of this Department. Up to that time the course had been sponsored by the Canadian Liquid Air Company. C.L.A. supplied all the equipment and instructors in return for which they received the use of the class rooms. The Company sold many welding outfits to the students when they graduated.

The course is the shortest of any given at Tech, being three weeks duration. The Department teaches the latest in welding practices. Inert (Argon) Gas and Argo-Arc electric welding are taught as well as Automatic Gas Cutting and Radio-Graph Oxy-Acetylene welding, and new types of welding outfits.

WELDING

WELDING CLASS April 2nd - 20th, 1951



GUMMOW, V. E.
McCULLOCH, A. J.

NISHIDA, T. E.

SCHMIDT, O. S.
WOJTOWICZ, T.

WELDING CLASS April 23rd - May 11th, 1951



DOOLING, T. P.
NISHIDA, E.

PASCAL, P. P.

SAMOIL, E.
HICKS, H. M.

WELDING

WELDING CLASS May 14th - June 1st, 1951



BEISEL, G. M.
DOUGAL, J. M.

RAESSLER, E.

RAMSAY, T. E.
THOM, D. N.

WELDING CLASS October 1st - 19th, 1951



BECHTHOLD, M.
BETTIS, A.
COWAN, F.

CROKEN, P. V.
JOHNSON, J. E.

SELONKE, P.

CHRISTANTE, D.
DLIN, N.

GIBSON, G. R.
NONOMURA, K.
SIGSWORTH, B. O.

WELDING

WELDING CLASS November 13th - 30th, 1951



ACKERMAN, B.
ALBERT, J. H.
BOSS, H. C.
BRETT, A. W.

COLEMAN, R. H.
DESCHENEAU, J. L.
EGGENBLIRGER, R. F.
FOX, H. A.

HACK, D. R.
LAITINEN, J. T.
PAWLUK, J. G.

PETERSON, B. C.
LESNIAK, S. J.
SCOTT, H. A.
SCOTT, A. W.

STEWART, R. A.
SWEET, A. L.
TOMPKINS, J. W.
JUILL, J. B.

WELDING CLASS December 3rd - 21st, 1951



BUNN, K. D.
DUKE, M.
GUARD, H. F.
HENDRICKSON, C. P.

HOULIEFF, T.
LAITINEN, J. T.
NOLTE, E. A.
PAWLUK, J. G.

RAU, A. O.
REMIN, W. R.
WITTKE, E. O.
EWING, G. F. L.

WELDING

WELDING CLASS January 7th - 25th, 1952



CASSON, L. J.
CHRISTENSEN, E. W.
CRETIN, Louis
CROWELL, J. N.

DeGRAFF, J. H.
ERNST, J.
ESKRA, M. E.
FORS, W.

GADOWSKY, P.
GRIMSON, F. E.
HAMBROOK, H. H.
KROEGER, G.
MAWER, E. R.

MELLOR, S. V.
NEUFELDT, M. M.
RAE, J. H. S.
RUSHMER, N. T.

SELVIG, N. E.
SLATER, H. E.
SORGE, K. T.
THOMAS, W. D.

WELDING CLASS January 28th - February 14th, 1952



BARBER, I. W.
BARDY, Z.
BORGLAND, C. D.
DAMSGUARD, J. F.

DORION, G. W.
GILLRIE, W. D.
GRIMSON, F. E.
HOUG, N.

KEIM, M. R.
KLASSEN, H. G.
LABA, A.
MOLZAN, B.
McDONALD, H.

McINTOSH, G. F.
NAFE, S. H.
POOLE, W. E.
QUAST, R. W.

QUIST, J. C.
THOMAS, W. D.
WETTER, G. A.
YAMASHITA, N.

WELDING

WELDING CLASS, February 18th - March 7th, 1952



ALLRED, J. B.
ANDREW, P. R.
BARBER, I. W.
BRAUNBERGER, V. V.

BROOKHART, H. M.
CHELSTAD, F. I.
CHOHEN, E.
DAMEN, H. J.

DAVIES, M. L.
DOULL, J.
HARTMAN, W. L.

HERMAN, A. R.
LITKE, G. A.
MERTZ, A. C.
McCARTHY, G. K.

McKEVITT, H. F.
McKINNON, R. B.
SAUTER, H.
ZAHARA, D.

WELDING CLASS March 10th - 28th, 1952



CHANDLER, L. T.
CHEPERDAK, P.
FURUKAWA, A.
HAUSAUER, C.

HENDRICKSON, V. L.
HOFFOS, L. O.
HOPKINS, T. K.
HORTON, C. L.

KURYVIAL, J.
LANG, W.
LEHTOJA, A.

MERTZ, A. C. (Not shown.)
NAKAMURA, J. M.
OLER, A. L.
PUDLOWSKI, F. M.

SINAL, F. J.
STEWART, E. R.
TAYLOR, W. A.
VAN DAM, N. R.

CANDIDS



REMODELLING



CUTTING PRACTICE



THE HEAT'S ON



WHEEL BALANCING



PRECISION LATHE-WORK



RELAXATION FROM LABOURS



ALL SET FOR LUNCH



KEEPERS OF THE TOOLS

DEPARTMENT OF BUILDING CONSTRUCTION

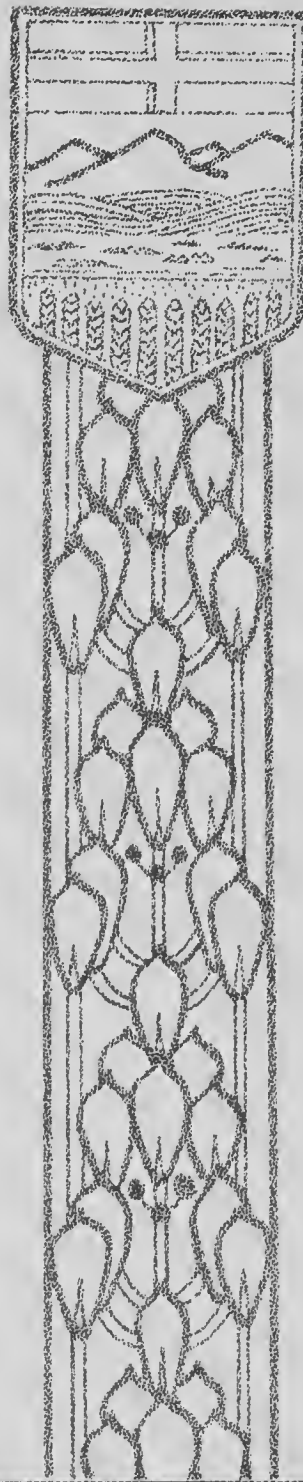
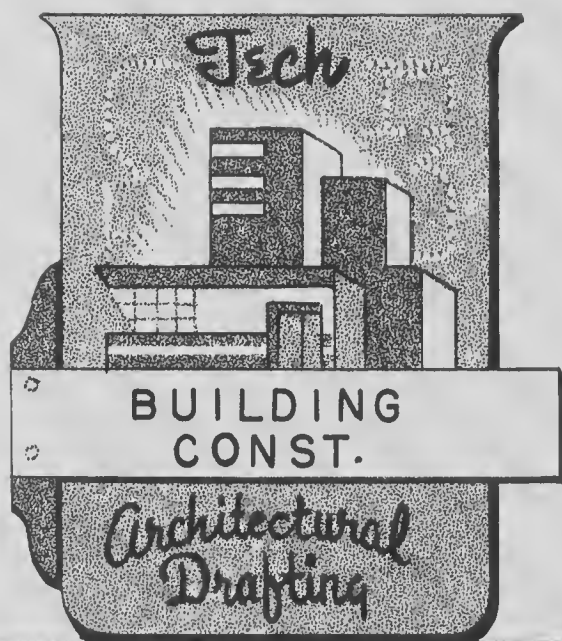
This Department has been developed because of the shortage of trained men in the building trade. It was originally a part of the Drafting Department under Mr. L. H. Bennett. Mr. M. J. Tomlinson went with the Department to the Victoria Park Grandstand in 1939, became the Head of the Department in 1940 and returned to the "B" building in 1945.

They have the finest building construction set-up in Canada as far as equipment and course is concerned. They have the very best in layout and design equipment. A new addition next year will be the new building in which there will be a room big enough to erect a one and one-half story building. Courses are taught to first and second year Building Construction, first to fourth year Carpentry Apprentices, first to third year Industrial Arts, students, and some take special courses. Night classes are also taught.

Building Construction graduates become estimators, contractors, foremen, timekeepers, salesmen of building products and others enter architectural work.

Carpentry Apprentices learn the carpentry trade and go into that trade on completion of their course.

Industrial Arts students use their training leading to the degree of B.Ed. to become qualified shop teachers.



Building Construction

BUILDING CONSTRUCTION INSTRUCTORS

Enquiring minds are needed in building construction!

To the person with an enquiring mind it is a singularly pleasing thought that he may learn something new each day. As this term draws to a close he realizes that many opportunities for learning have been presented to him, and even when the brief stay at Tech has become a thing of the past, opportunities for learning continue to appear. Sometimes there will be great temptation to let these opportunities slip past, but the person who grasps them eagerly with both hands is headed for the top.

Your Building Construction instructors hope that they have whetted your appetites, aroused your curiosity and made you eager to advance in whatsoever branch of the building industry you choose to serve.

M. J. TOMLINSON,
Head—Department of
Building Construction



M. J. TOMLINSON



R. C. SMITH



G. A. SANDERS



M. W. RABY



F. E. WHITTLE



A. WASS



BUILDING CONSTRUCTION AND ARCHITECTURAL DRAFTING (1)



FIRST ROW :
 ATIWELL, Donald Bartlet Nanton
 Vice-Pres. Fall Term Exec., Hockey Team,
 Rifle Club.
 BACHYNSKI, Johnny Walter Nelson, B.C.
 Hockey Team.
 BEDARD, George Albert Nakusp, B.C.
 Tech Orchestra, Badminton Club, Rifle Club.

SECOND ROW :
 BOOTH, Thomas Millet
 BURKE, Charles Larry Saskatoon, Sask.
 Badminton Club.
 GREENE, Albert Ronald Drumheller

THIRD ROW :
 JACKSON, Walter Rayner Calgary

FOURTH ROW :
 KING, Alan Edward Lloydminster

FIFTH ROW :
 KLINGBELL, Frederick Herbert Pitt Meadows, B.C.
 KONDO, Donald Makato Lyalya
 MAMMEL, Carl Clifford Calgary
 MEERS, Norman Calgary
 MURRAY, Peter Terence Calgary



BUILDING CONSTRUCTION AND ARCHITECTURAL DRAFTING (1) Cont'd,



- FIRST ROW :
- NEVILLE, Duane Vulco
 - OHNO, Kaz Barnwe
 - PLOTNIKOFF, Nick Trail, B.C.
 - Hockey Team.
- SECOND ROW :
- POLSON, Roger Alexander Conso
 - STEELE, Roger Alexander Calga
 - Hockey Team, Class Rep.
 - SWEDAK, William Paradise Vall

BUILDING CONSTRUCTION AND ARCHITECTURAL DRAFTING (2)



HE CLAMPS TO CONQUER



- FIRST ROW :
- DUCE, Gordon William Cardst
- BOTTOM ROW :
- EWANOVICH, Stanley Tofie
 - FALCK, Jack Douglas Calga
 - GREENE, Gordon Morrow Drumhell



DRAFTING DEPARTMENT

The Drafting Department was part of the original "Tech" but has been in the hands of many instructors. Mr. L. E. Pearson was Drafting and Design instructor from 1921 to 1948. He was joined by Mr. L. H. Bennett from 1930 to 1936. Mechanical Drafting was taught by Mr. D. C. Jones from 1939 to 1941, and Mr. G. R. Howarth became Head of the Department in 1949.

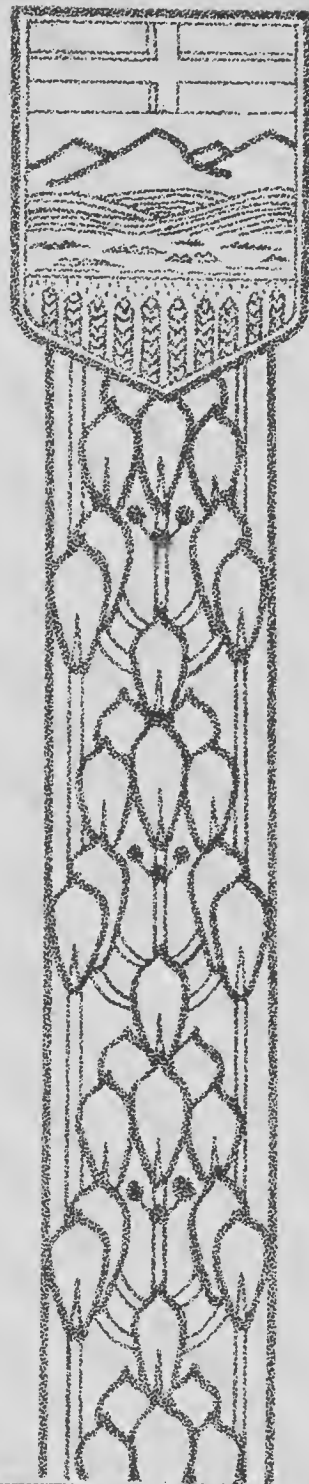
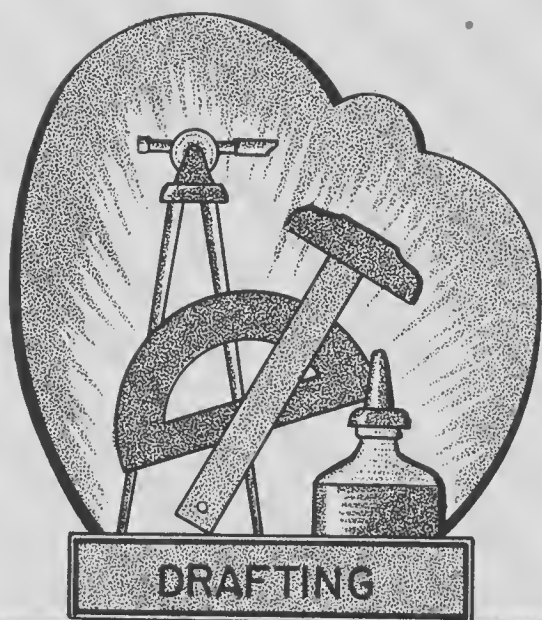
Architectural Drafting and Mechanical Drafting were part of the original courses taught, but Survey Drafting was not added until the early '30's. The Department has now grown from one room to four rooms, and from one instructor to four full time instructors plus seven part time instructors.

Architectural Draftsmen learn the design and structure for the building trade. They have obtained positions with Architects, Structural Branches of Oil Companies, as junior draftsmen in offices and all positions of the building trade. Some have become General Supervisors of their Companies.

Mechanical Draftsmen learn the design and structure of machines and machine parts. They also get some survey drafting with their course. Graduates have obtained positions with Oil Companies, with Machine and Manufacturing Companies, and as juniors in many drafting offices.

The Survey Drafting Course was born out of the Geology Course which was taught at "Tech." The course caters to the Oil Industry, Land Surveys, Highway Building, Exploration by Forestry and Mines Department of Canada. Besides the facilities of the Drafting Department there is a complete stock of survey instruments which gives the student excellent practice in field work.

The Drafting Department has drawing machines, mechanical lettering machines, and Blue Print and Ozalid machines which are the latest in drafting techniques.



Drafting Department

DRAFTING INSTRUCTORS

The year 1952 finds the people of Alberta well started on a new and unprecedented phase of a varied history. On every hand new oil wells are sprouting, industries mushrooming, buildings springing up and highways snaking their tortuous way into still remote and untapped parts of our Province. This is the awakening of one of the world's richest areas to industry and commerce.

In the heart of all this frenzied bustle of activity the surveyor and draftsman are exploring, recording, analysing and planning, essential cells in the brain of industry.

This busy scene is literally crying for well trained draftsmen and surveyors. There never has been a rosier time than the present, to look for that particular little niche in which you belong.

G. R. HOWARTH,
Head—Department of
Drafting.



G. R. HOWARTH



E. J. CLARK



L. C. GOODE



S. F. SNELL



MECHANICAL DRAFTING (1)



FIRST ROW :

DAVISON, Peter Malcolm Trail, B.C.
LEPAK, John Steve Calgary
LOWDER, Berek Cottrell Trail, B.C.

SECOND ROW :

SHARPE, James Harvey Calgary
WASILEIW, William Kimberley, B.C.
Hockey Team.

MECHANICAL DRAFTING (2)

FIRST ROW :

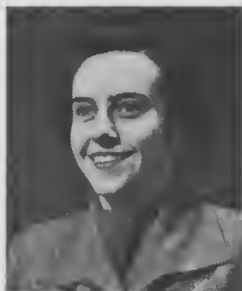
NEVILLE, Keith Kendall Lethbridge
Banquet Com.

SECOND ROW :

ROSSI, Joseph John Trail, B.C.
Hockey Team.
SCOTT, Robert Leon Calgary
SHIER, Douglas Evan Prince Rupert, B.C.
Basketball Team, Class Rep.
TESSARI, John Andrew Warner
WOODROW, Lorne Pearson Calgary



SURVEYING AND DRAFTING (1)



FIRST ROW :

BRENNAN, Rita Virginia Calgar
Rifle Club, I.O.T.A. Club, Basketball Team.
Secretary Spring Term Exec.
BUEHLER, Merton Allan Ok
Editor Tech-Art Record, Curling Club Rep.
CLAYTON, Robert Alfred Vulco

SECOND ROW :

DUNNETT, Thomas Alexander Calgar
EISLER, Edward Cadom
GOODWIN, James Phillip Calgar

THIRD ROW :

GUYN, Leslie Lee, Jr. High Riv
Asst.-Editor Tech Art Record, Curling Club.
HARVEY, Vivien Adelle Calgar
I.O.T.A. Club.
HILKER, Robert George Stettl
Advt. Manager, Tech-Art Record.

FOURTH ROW :

HOUGHTON, Millard Lawrence Calgar
KONKIN, William Salmo, B.C.
LAWSON, Mary-Bell Calgar
Bus. Manager Tech-Art Record, Curling Club
Basketball Team, Sec. Winter Term Exec.,
I.O.T.A. Club.

FIFTH ROW :

McNAB, Luke Angelo Calgar
Literary Chair, Winter Term Exec.
ODAGAKI, Shinji Earl Tab
PONTON, Lorne Howard Forestbur
Hockey Team.
SHIMOZAWA, Joe Isao Tab
STOCCO, Reno Drumhell



SURVEYING AND DRAFTING (1) Cont'd

FIRST ROW:

SUSINSKI, John Stanley Lomond
 WALTON, John Maurice Trail, B.C.
 Hockey Team.

WEBER, Mary Doreen Stettler
 Rifle Club, I.O.T.A. Club, Basketball Team,
 Emery Weal Staff, Social Chairman Spring
 Term Exec.



SURVEYING AND DRAFTING (2)

FIRST ROW:

ANDERSON, Leslie Gordon Calgary
 Pres. Fall Term Exec.

SECOND ROW:

BARTLETT, Richard Frank Calgary

THIRD ROW:

DOZZI, Argillo Sergio Nelson, B.C.
 Mgr. Students' Stores, Coach of Girls Basketball
 Team, Basketball Team.

JONES, Jerry J. Calgary
 Vice-Pres. Winter Term Exec.

KOLOMYJEC, Morley William Nacmine
 Class Rep. Fall Term Exec.

PITTS, Robert William Castlegar, B.C.
 Athletic Chair. Fall Term Exec., Pres. Winter
 Term Exec., Basketball Team.

SWANBY, Thomas Charles Calgary
 Students' Assoc. Treasurer, Dramatics Club.



ON STATION



INDUSTRIAL ELECTRICITY DEPARTMENT

Mr. Robt. Gandell was the first Head of this Department, which was taken over by Mr. F. N. Rhodes in 1926. Mr. D. C. Fleming, who started with the Radio Department in 1935, became Head of the Electrical Department in 1947.

The course teaches the uses of electrical power installation, operation and repair. The student gets a broad electrical training on the latest equipment and must specialize after graduation. A great demand has arisen for electricians, because of the increased building construction. Places of employment are: Telephone Companies, Electrical Utilities, Railway Communications and Electrical Controls, and Electrical Contractors.

THE RADIO DEPARTMENT

The Radio Department is now under the direction of Mr. W. Partin. It started out as part of the Electrical Department, but because the field has become more complex with the years, it has grown to an important position of its own. With this evolution, the Radio Course and the Refrigeration Course will be separated next year. The Refrigeration Course will be a full eight months' course, and with the addition of television theory the Radio Course will become two years in length.

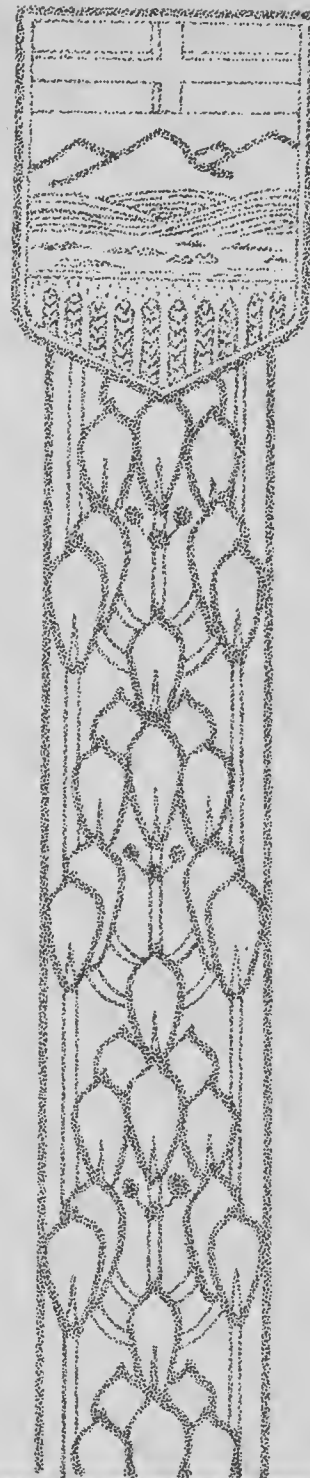
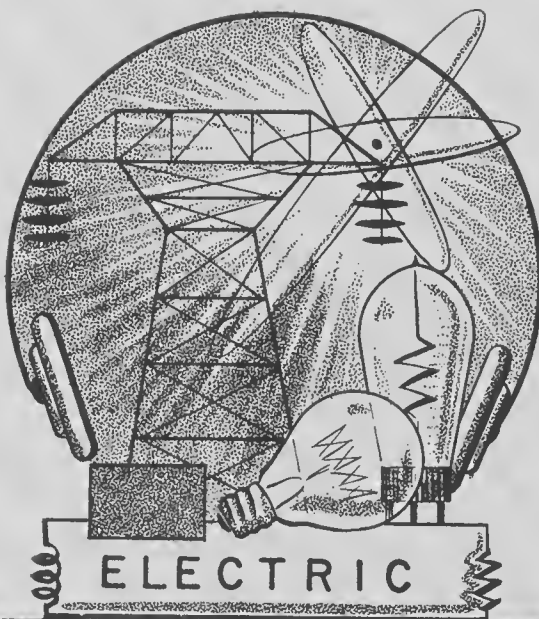
The first year Radio Course will cover the domestic A.M. receiver field. The second year course will contain television, receiver theory, frequency modulation, industrial electricity, and high frequency radio and radar. Each student has his own service bench which contains all the latest radio testing equipment; oscilloscopes, signal tracers, F.M. and A.M. transmitter and receiver sets, tube testers, etc.

The one year Refrigeration Course will be provided for the new trade as designated by the Provincial Government. It will give apprentices work on domestic and commercial machines, and with special tools.

Demands for graduates far exceeds the supply. They find positions in domestic servicing, seismograph, broadcasting, and industrial electronic work, as shop foreman, and with C.P.A.

COMMERCIAL WIRELESS DEPARTMENT

Mr. C. M. Johnson came to "Tech" from the United States in 1945 to head this course that had developed from the war. It had been part of the Radio Department under Mr. D. C. Fleming but became a separate Department in 1946. It was developed because of the serious shortage of operators. The course teaches codes, electrical and radio theory, shopwork and rules of message handling and distress procedure. Most of the graduates obtain jobs as operators in the aero trade. Others go to marine work, mining, forestry, broadcasting, and oil companies.



Electrical Department

INDUSTRIAL ELECTRICITY INSTRUCTORS

The field of electricity is expanding at an unprecedented rate. Opportunities for employment are excellent. The demand of industry for graduates far exceeds the supply, so the future is indeed attractive.

The Electrical Department is expanding too. Training is now given to three years of Electrical Apprentices as well as the regular day and evening classes. Total registration will exceed 220. The staff has been increased by the addition of Mr. Norman E. Stromberg, late of C.P.A., Vancouver. Mr. Stromberg, a graduate from "Tech", brings a keen mind and a friendly manner to the apprentices under his care.

The past year has been most successful. We appreciate your energy, your co-operation. Without these intangible things, teaching would be drudgery.

Our best wishes for success, health and happiness go with you. Do not forget us, when you are around drop in and visit us.

D. C. FLEMING,
Head—Electrical Department



D. C. FLEMING



R. A. BROWN



A. J. ROPER



W. G. DUKE



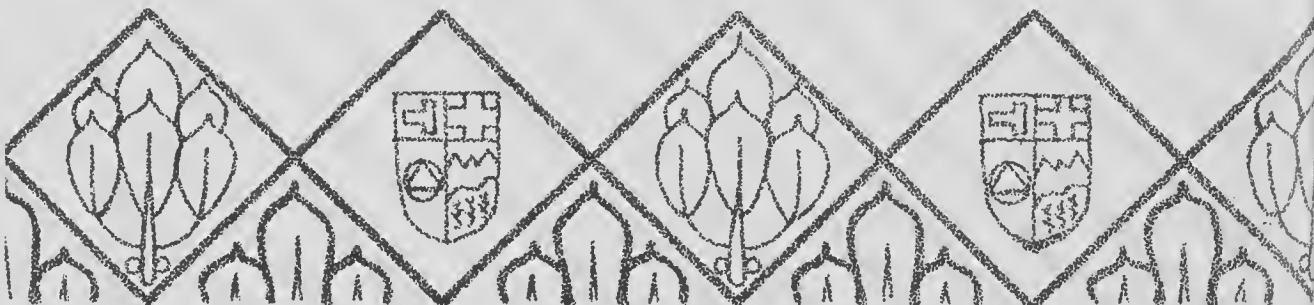
A. T. MILLER



N. STROMBERG



E. WOOD



INDUSTRIAL ELECTRICITY (1)



FIRST ROW :

CROWTHER, Leonard Francis Jasper
Dramatics Club, Badminton Club, Rifle Club.
Sports Chairman Spring Term Exec.
DOERING, Dennis Raymond Coronation
Vice-President Spring Term Exec.
FERGUSON, Howard John Acadia Valley
Dramatics Club.
TAKENAKA, Tamo New Denver, B.C.



SECOND ROW :

GEORGE, James Henry New Denver, B.C.
KETCHIN, William Wetaskiwin
MADIN, Arthur Grant Calgary



THIRD ROW :

MOLAND, Arne Oswald Edberg
MONTABETTI, Russell Charles Coleman
Rifle Club.
MOODY, Robert Allan Calgary

FOURTH ROW :

OHNO, Jack Matsumi Cranford
OLSEN, Howard Grant Wetaskiwin
OLSEN, Ray Wallace Aleza Lake, B.C.
Dramatics, Lit Chairman Spring Term Exec.



FIFTH ROW :

POZDNYKOFF, Nick Salmo, B.C.
Ham Club.
RONDIK, Fred Rosedale
SARUWATARI, Takayuki Raymond
Emery Weal Staff, Rifle Club.
SMITH, Derrill Frank Milk River
Pres. Hockey Club, Badminton Club, Class Rep.
SUHR, Leonard Arthur Calgary



INDUSTRIAL ELECTRICITY (2)



FIRST ROW :

ALDER, Arthur John Calg
General Manager, Emery Weal.
BAKKEN, Norman Clarence Dixon
Sales Manager, Tech-Art Record.
Lit. Chairman, Fall Term Exec.
BAWOLL, Michael Stephen Newca

SECOND ROW :

BURNSIDE, Robert Dean Calg
Emery Weal Staff.
CHUDLEIGH, William Joseph Calg
DRUGGE, Stanley Eric Salmo, B

THIRD ROW :

GAGNE, Marcel Clement St. P

FOURTH ROW :

HERDMAN, William Charles Calg
Dramatics Club, Emery Weal Staff, Rifle C
KUSNIR, William Cam
OLIPHANT, William Rex Trail, B
Photo Editor Tech-Art Record, Curling Club
Emery Weal Staff.
REICHEL, Almer Albert Medicine
ROTHLIN, Joseph Picture B
Managing Editor, Emery Weal.

RADIO AND REFRIGERATION

The Radio and Refrigeration branch of the Electrical Department is pleased to report a successful year.

In the Radio Shop several new items of equipment have enabled the Department to offer a greater variety of shop instruction, particularly to the second year students. For the first time a frequency modulated transceiver has been available for student use.

The requests by industry for radio and electronic students have far exceeded the supply. In the refrigeration course for the first time refrigeration apprentices have been enrolled.

I wish to take advantage of the Year Book facilities to wish all the students from both the Radio and Refrigeration classes the best of luck, and remind them of the necessity to keep on studying after leaving "Tech."

N. PARTIN,
Head—Radio and
Refrigeration Department.



W. PARTIN



N. BURTCH

RADIO AND REFRIGERATION (1)

FIRST ROW:

BERLANDO, James Eugene Aerial
Hockey Team, Ham Club.
BOLTWOOD, Donald Alwyn Calgary
Ham Club.
COYNE, Kevin Joseph Calgary
Ham Club.

SECOND ROW:

FOSTER, Donald Stuart Edmonton
GADESKI, Allan Forestlawn
HANSON, Myron Stuart Namaka
Ham Club.
KOVACIK, Alexander Henry Coleman
KOZORIZ, Stanley Emile Trochu



RADIO AND REFRIGERATION (1) Cont'd



FIRST ROW:

LAMOTHE, Dale Calgary
Ham Club.
NELSON, Gordon A. Calgary
POROCHNUK, William Nickolas Bellevue

SECOND ROW:

SARDINHA, Alfred Joseph Trinidad, B.W.I.
TARASOFF, Peter Herrington
WATRIN, Ronald Leigh Oyen

RADIO AND REFRIGERATION (2)



FIRST ROW:

ELISHEN, Lloyd Kippure
Ham Club.
HNYTKA, Donald Bon Accord
HUDSON, Donald Henry Grande Prairie

SECOND ROW:

MERKLEY, Harold Kertcher Calgary
McLEAN, Robert Murray Blackfoot
Ham Club.
RATHJE, Donald Edgar Lacombe
ROSE, George Raymond Grande Prairie
Pres. Ham Club, Class Rep.
WATTS, Charles Edgar Winchester, Ont.



COMMERCIAL WIRELESS OPERATING

At this time of writing it is gratifying to find, day by day, more and more evidence that Ohm's Law is, perhaps, true after all, despite all efforts to prove otherwise. The fact that a certain extra-curricular power supply did not go up in smoke pretty well clinches the matter.

In all seriousness, it is a privilege and a pleasure to work with you and to wish you all every success.

Many happy QSO's.

73

C. M. JOHNSON,
Head—Commercial Wireless
Department.



COMMERCIAL WIRELESS

BOTTOM ROW :
ANDREEFF, William, Jr. Gage
BELL, Hugh John Goodland, Man.
Vice-Pres. Ham Club.
BURWELL, Frederick Arthure Cowley
Ham Club.
CHERNENKOFF, James Salmo, B.C.
Ham Club.
DOEPEL, Henry Garth Bentley
Ham Club.



COMMERCIAL WIRELESS Cont'd

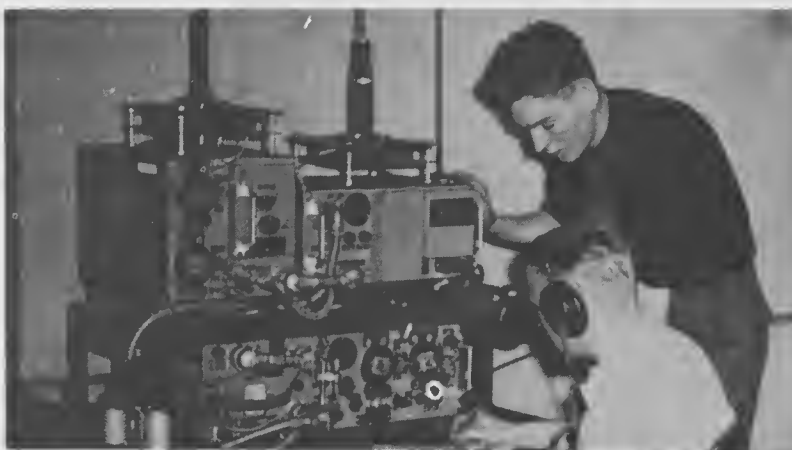


FIRST ROW :

McAREAVY, Joseph Raymond Calgary
 PETERSON, Vernon Andrew Oyen
 SCALES, William Alfred Lariviere, Man.
 Ham Club.

SECOND ROW :

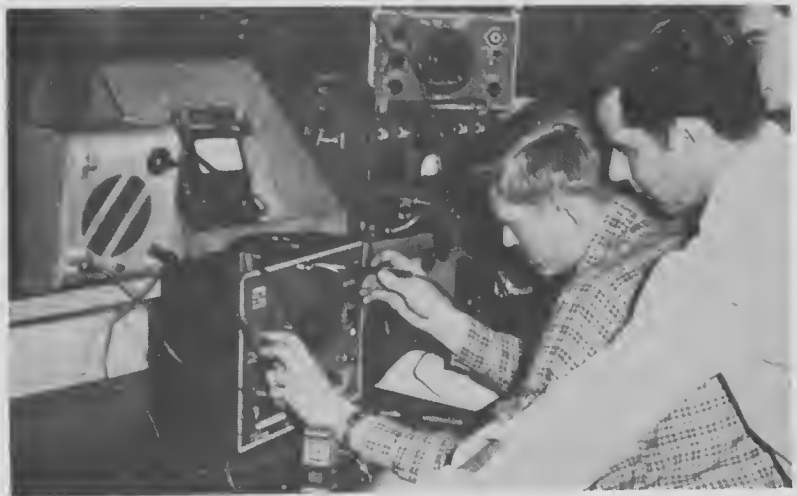
SKITCKO, John Phillip Rokeby, Sask.
 Sec. Ham Club.
 VERBISKY, Nicholas Vilna
 Ham Club, Boxing Club.
 WINKLER, Carl Henry Raymond
 Ham Club.
 YACHIMEC, Mike Thorsby
 Ham Club.



NO PHOTO :

BRIDGEWATER, Frank Pickering Saskatoon, Sask.
 Ham Club.
 BUCHANAN, Lloyd Bernard Crooked River, Sask.
 Ham Club.
 BURROWS, Edward William Saskatoon, Sask.
 FRIEBEL, Jack Calgary
 Ham Club.
 HARRIS, Alan Ray Oyen
 HART, C. Kenneth L. Daylesford, Sask.
 ROLLS, George William Vetro
 Ham Club.





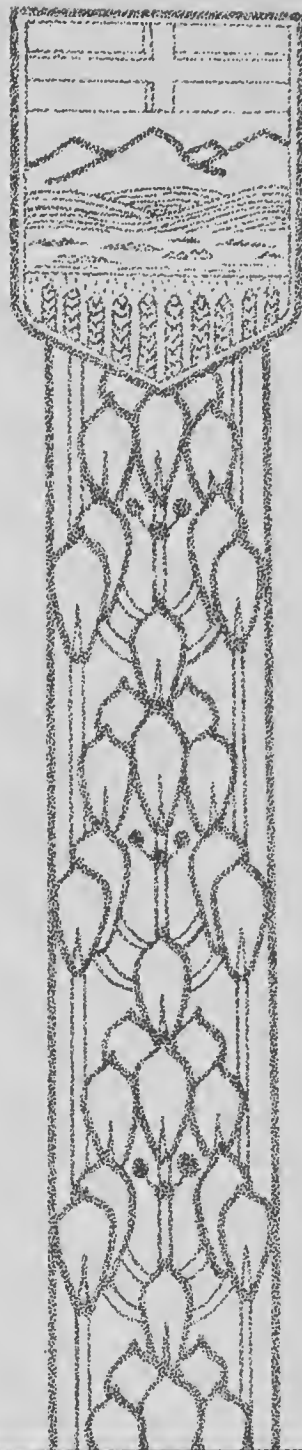
HOME ECONOMICS DEPARTMENT

The Dressmaking and Millinery Course was started in 1921. It was not until 1947 that cooking was added to the course. The Restaurant Management Course was made a separate part of the Department in 1949 when Mrs. R. A. Denny took charge. During the war the Department was housed in the Coste House.

The Dressmaking Course has an enrollment of about forty students a year. They have a newly modernized kitchen and shop. It teaches basic sewing, commercial patterns and basics of drafting in the first year. During the second year, students specialize in tailoring, designing, drafting, costume work, applied art and crafts, embroidery and a comprehensive study of textiles. Graduates become dressmaking assistants, some own shops, and some become fabric consultants.

The object of the Restaurant Management Course is to train students to run small, clean food establishments efficiently. It also encourages those interested in cooking as an art. The fully modern cafeteria provides the shop for their training. They handle from five hundred to one thousand customers in about three and a half hours a day. An added feature is the snack bar just opened up.

It is interesting to note that there are some four thousand restaurants in Alberta of which only sixty are large establishments. These small restaurants need the training available in the restaurant management course. Graduates find employment in their own restaurants, department stores, hotel dining rooms, coffee shops, clubs, hospitals and catering firms. The positions of assistant manager and manager, with good salaries, are open to all.



Home Economics Dept.

DRESSMAKING AND RESTAURANT MANAGEMENT INSTRUCTORS



R. A. DENNY

DRESSMAKING . . .

This year the Dressmaking Department leveled off without much alteration. After three years of drastic curriculum changes, a large amount of new equipment, plus an entirely new staff, we were able to relax a bit. However we did increase the drafting in both classes and dropped men's tailoring in second year. New furniture and paint in the I.O.T.A. room greatly improved its appearance.

Highlights of the year which will not be forgotten were—First, the evening dress Fashion Show during intermission at the Banquet Dance. Second, the first year girls flashing diamonds after Christmas. Third and last, Dr. Fowler modeling a plaid shirt and slacks at the Spring Fashion Show.

To the graduating class we wish all success in the future and please do not forget how to balance your budgets.

RESTAURANT MANAGEMENT . . .

This third year has shown us the value of good equipment. Having a much smaller class with no previous experience we have topped all records of the last two years. We are "busting" at the seams during the noon hour and wonder when it will ever stop. Mrs. Beckett and Mrs. Johnston plus our old standby Mrs. Marshall, certainly eased our load. The new deep fat fryer, the new beaters, plus the canopies, fan, and acoustic ceiling have also helped.

To all of you, I wish to express my thanks for your cooperation and conscientious effort, which did much to make this a successful year.

R. A. DENNY,
Head—Home Economics
Department



C. L. ALLSOP



E. M. MEARS



D. A. SUFFESICK



A. SUOMINEN



DRESSMAKING (1)

FIRST ROW:

BUOY, Alice Spedden
I.O.T.A. Club.
CLARK, Elaine Ivey High River
I.O.T.A. Club, Curling Club.
FUKUMOTO, Suyeko Edna Midnapore
I.O.T.A. Club.



SECOND ROW:

HOWIE, Barbara Grace Calgary
I.O.T.A. Club.
JOHNSON, Marion Patricia Morrin
I.O.T.A. Club.
LARIVIERE, Juliette Hermine Gravelbourg, Sask.
I.O.T.A. Club.



THIRD ROW:

McBRIDE, Dorothy Carter Banff
I.O.T.A. Club, Dramatics Club,
Class Rep. Fall Term.
NISHIDA, Katie Misao Raymond
I.O.T.A. Club.
PATTERSON, Ellen Annette Black Diamond
I.O.T.A. Club, Social Chairman Winter Term
Exec., Emery Weal Staff.



BUSY SEAMSTRESSES

FOURTH ROW:

PICKERING, Edith Margaret Brooks
I.O.T.A. Club, Curling Club.
SINGER, Frances Barbara Rainer
I.O.T.A. Club.
SZABO, Alice Elizabeth East Coulee
I.O.T.A. Club, Class Rep. Winter Term.
THOMSON, Phyllis Irene Airdrie
I.O.T.A. Club.
YAMASHITA, Naomi Nancy Taber
Sec.-Treas. I.O.T.A. Club.



DRESSMAKING (2)



THE PERFECT MODEL



FIRST ROW :

BANSER, Elsie Adeline Olds
I.O.T.A. Club, Dramatics Club, Curling Club.
BROWN, Doreen Lillian Broderick, Sask.
I.O.T.A. Club.
COURTNEY, Margaret Alberta Shepard
I.O.T.A. Club, Social Chair, Fall Term Exec.,
Dramatics Club.

SECOND ROW :

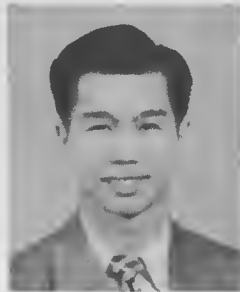
CRILLY, Betty Margaret Langdon
Pres. I.O.T.A. Club, Sec. Dramatics Club,
Curling Club.

THIRD ROW :

HOLMAN, Reva Doreen Taber
I.O.T.A. Club, Dramatics Club, Curling Club.
KAWASAKI, Mary Raymond
I.O.T.A. Club.
KONDO, Jean Kazuka Lyalta
I.O.T.A. Club.
VIDOTTO, Gertrude Marie (Mrs.) Calgary
WRAY, Donna Joyce Airdrie
I.O.T.A. Club, Sec. Fall Term Exec.,
Basketball Team, Badminton Club,
Dramatics Club, Curling Club.



RESTAURANT MANAGEMENT



FIRST ROW :

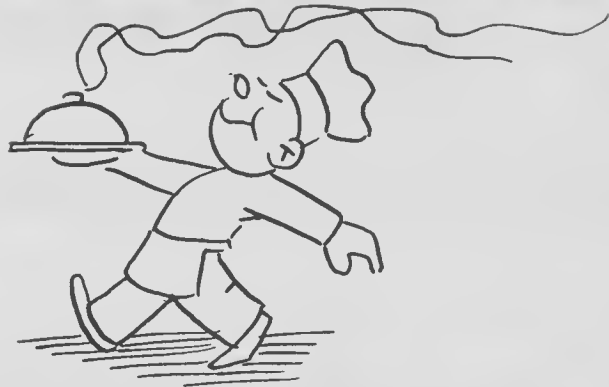
FONG, Wesley Calgary
KARLONAS, John Edward Calgary

SECOND ROW :

MOORE, Dove L.
NYBACK, Harvey William Camrose
TOMYN, Stella Alice Hotchkiss
I.O.T.A. Club.
VENINI, Gillis Eugene Calgary
WOOLVERTON, John Arthure.
Dramatics Club, Rifle Club.

NO PHOTO :

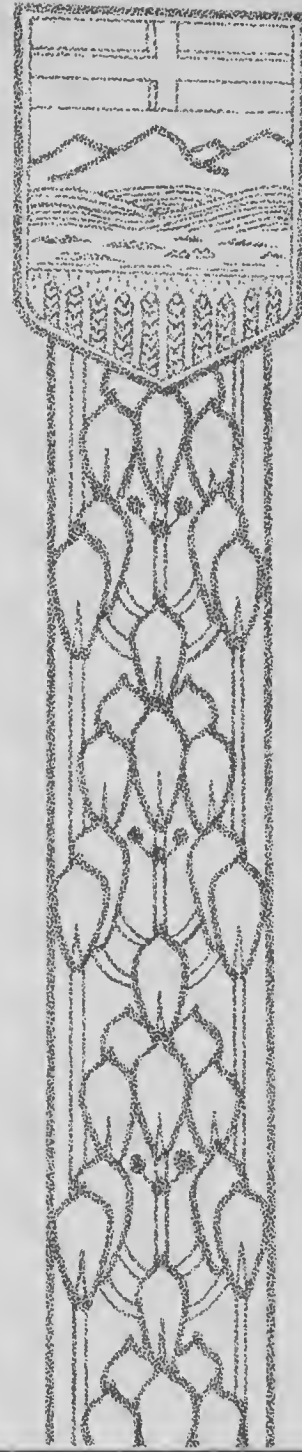
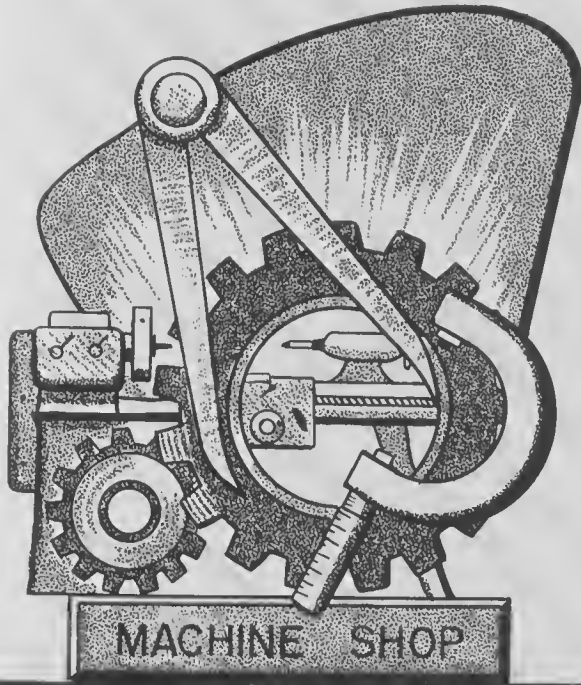
GORDON, Iris Orpha Calgary
HART, Helen Ruth Calgary



MACHINE SHOP DEPARTMENT

Until 1932 the Machine Shop Course was not a separate course. Shop Courses were taught through the Tractor Shops, the Steam Engineering Shops and other general shops. Mr. T. A. Headly was the original Tractor Shop Head in 1921, and in 1937 Mr. E. W. Wood became Head of the Machine Shop. Mr. O. Kingsep, a student of 1926-28, joined the teaching staff in 1939. He became Head of the Machine Shop Department in 1945.

The Machine Shop Department teaches Machine Shop skills to such related departments as Aero, Mechanical Drafting, Tractor, Electric and Motor Mechanics. They have three of the best equipped shops in Western Canada; 1st year shops, 2nd year shops, and a heat treating room. Their own students learn drafting and design of machinery parts, and how to build them. They can build almost any kind of machine part, for example, rebuilding lathes, hydraulic presses, etc. They have lathes, grinders, shapers, millers and a \$40,000.00 planer which is complete with a motor driven D.C. generator and has automatic controls. There are three full time instructors in the Department, and their evening courses meet a wide audience with designers, draftsmen and engineers. Graduates have top ranking positions in industry as foremen, and some as mechanical engineers. Students are credited by employers for time spent in school.



Machine Shop Dept.

MACHINE SHOP INSTRUCTORS



O. KINGSEP

This Department gives training in metal work to a variety of groups of students, each course having its own objective. Regular Machine Shop students study all phases of machine work, while many other groups get machine shop training as a related subject in their course. Industrial Arts students take metal work as part of their teacher training program, while the objective of Sheet Metal Apprentices is to become journeymen in the sheet metal trade. When we add to these, evening courses in machine shop and materials testing and heat treating, we get an idea of the variety of courses offered in metal work.

This year, one hundred and three students have received instruction in this Department. Although this total appears large, we would like to see a larger enrolment in our regular machine shop course next year, as we have excellent training facilities in our two well equipped machine shops. The opportunities in this field of work for boys with good mechanical aptitude are excellent.

We welcome Messrs. George Hare, Charles Sharp and Roy VanMeter to the staff this year.

To all students taking metal work, and especially our graduating students, we would like to express our appreciation for your co-operation and enthusiasm which has made our job of teaching much more pleasant and worthwhile.

O. KINGSEP,
Head—Machine Shop
Department.



S. P. BIRD



G. H. HARE



C. E. SHARP



R. B. VAN METRE



MACHINE SHOP (1)

FIRST ROW:

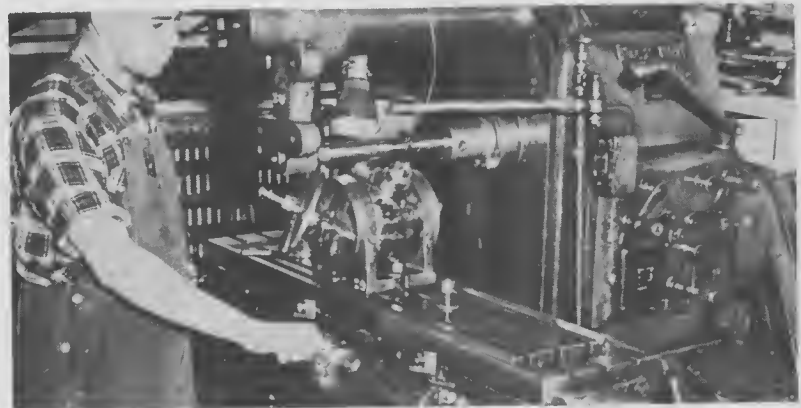
AIKINS, Howie Arthure Manning
 HOPKINS, Raymond Albert Airdrie
 Rifle Club, Curling Club.
 KOPER, Alexander Joseph Vernon, B.C.
 Hockey Team.

SECOND ROW:

RADELJA, Frank Kimberley, B.C.
 Hockey Team, Banquet Com.
 THOMSON, Donald Keith Calgary
 Rifle Club.
 TOGSTAD, David L. H. Beiseker
 Curling Club.

NO PHOTO:

KOSANOVICH, Peter Cadomin
 Rifle Club.
 SINAL, Frank Jack Cadomin



FIRST ROW:

CRISTANTE, Donald West Summerland, B.C.
 Basketball Team.
 DLIN, Norman Edmonton
 GIBSON, George Reid Tuberoose, Sask.
 NONOMURA, Kiyoshi Lethbridge
 Rifle Club.
 SIGSWORTH, Brian Owen Calgary

MACHINE SHOP (2)



THE SCIENCE DEPARTMENT

This Department was headed by Dr. Fowler from 1922 until Mr. N. Safran became Head in 1937. Mr. A. J. Bowering entered the Department in 1947 and Mr. A. R. G. Leckie in 1951.

The Science Department is well equipped to give first-rate instruction to our students in the field of Science. It is proposed to assist them to become more thoroughly aware of the underlying principles which govern the functioning of the trade or skill which they have chosen.

Our work is largely of an industrial nature, and an attempt is being made to tie in as closely as possible with normal industrial practices. For example, practically all fields of study in the School require a fair knowledge of the petroleum products either as fuels or lubricants. Our laboratories have the finest industrial equipment designed for this purpose, such as Thermoviscose meters, a very low temperature bath, complex apparatus for ascertaining Sulfur, adequate distillation apparatus, a superlative Gas Analyzer, and similar equipment.

In the study of Building Materials and Cement, proper testing equipment is on hand to acquaint the student with the specifications required by the Industry. Similarly, the prescribed equipment for the evaluation of coals is also available.

Generally speaking then, the Science Department is attempting to maintain a liaison with Industry and make industrial procedures available to our Students for the furtherance of their studies.

Next year the Science Department is expecting to introduce a new course for laboratory technicians. This course will give a broad technical laboratory training related to industry, and will be the only one of its kind in Western Canada.

ENGLISH AND MATHEMATICS DEPARTMENT

In 1919 the Canadian Vocational Training Act provided ten million dollars for the establishment of Technical Schools. This was allotted on a per-capita basis to each Province. The Province's share in the cost on a 50/50 basis. The Act stated that the educational facilities were not to be of college grade but English had to be taught. When this Act expired the Tech revised the English Course to suit the requirements of a technical training. Thus the course, General Knowledge, was added to the curriculum. The course in addition to English, includes more general information which the student will encounter after graduation.

Mr. L. H. Bennett taught the English up to 1939, and when he left the subject was taken over by other instructors. Mr. F. G. Young is now Head of the Department.

SCIENCE DEPARTMENT

To what extent is our familiarity with scientific ideas and practices essential to our everyday life? I would go so far as to say that the intelligent Canadian must be adequately aware of the tremendous strides made by scientific research in the twentieth century. This awareness is part of living in the Atomic Age. I am convinced that every Canadian knows who Barbara Ann Scott is. Unfortunately, however, he may not know the discoverers of insulin, or the electron microscope, or R.D.X. Yet these men have contributed immeasurably to our welfare as Canadians.

It should be obvious that the pursuit of scientific ideas is just as vitally a part of our Canadian culture as the devotion to the arts. In fact the cultural heritage of every Canadian is composed of the accomplishments of his pioneering predecessors, of the fight for existence against powerful enemies, of the development of a typically Canadian Art, Music, Drama and Literature, and of the pushing back of the frontiers of science and knowledge. All these forces together must weld us into a strong unity.

N. SAFRAN,
Head—Science Department



N. SAFRAN



A. J. BOWERING



A. R. G. LECKIE

DEPARTMENT OF MATHEMATICS AND ENGLISH

We live in an era of technical progress. Within the short span of the life of the students at "Tech", many new developments have taken place. Radar, television, jet aircraft and the use of atomic energy are only a few of these. Few realize, however, that behind all these advances in technology are the mathematical principles that have been discovered by the men and women who have developed new ideas in the realm of pure mathematics. Seldom has the engineer found that his progress has been halted by the lack of the necessary mathematical tools. In fact the mathematician is usually in advance of the technologist. Many times in our history, the abstract reasonings of the mathematician have suggested ideas that have led to new technical discoveries.

In most cases it is highly necessary for the practical man to have a foundation of mathematics. He may be highly skilled in his trade, but to understand what he is doing and to be able to meet unusual situations, he must depend on his knowledge of mathematics to assist him.

For these and other reasons, mathematics plays an important part in the various courses offered at the Institute.

F. G. YOUNG,
Head—Mathematics and
English Department



F. G. YOUNG



G. E. BROWN



G. W. MILES

SPORTS

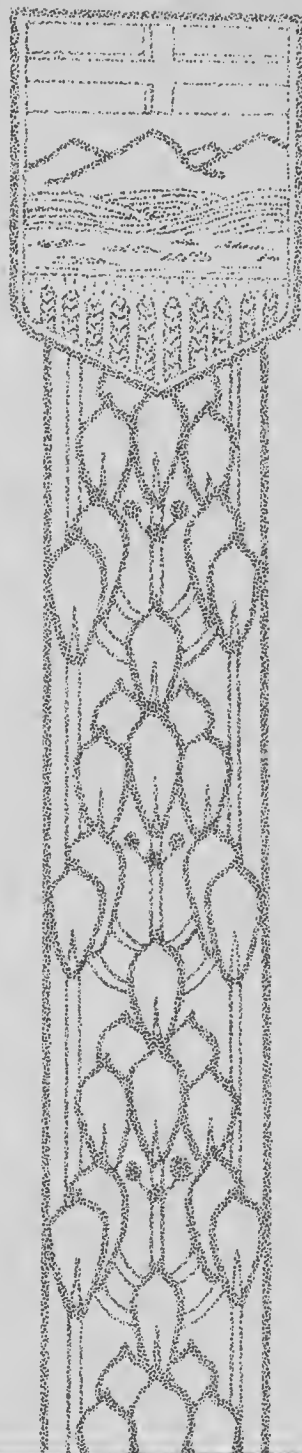
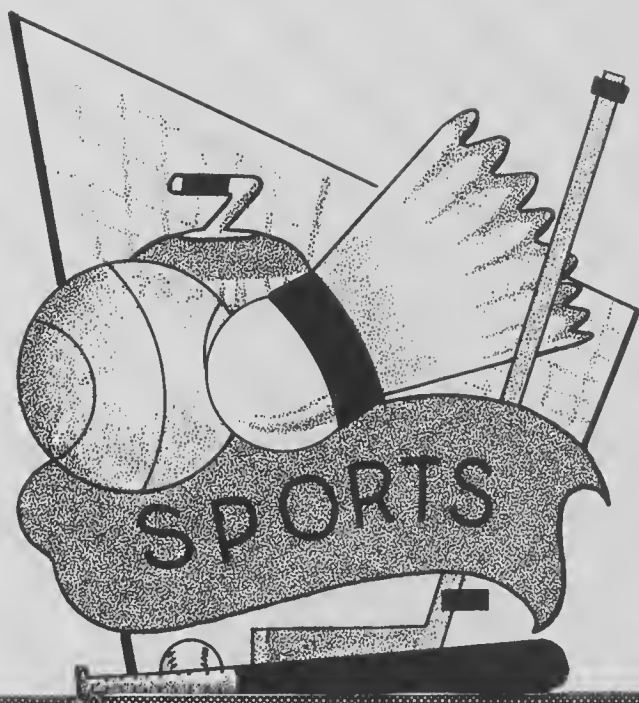
Many students are engaging in numerous minor sports and are acquiring skills that may carry over into healthful recreation in adult life. In some cases active participation in sports has thrown an adverse effect on scholastic standing. This is caused in most cases by a lack of character, organization and proper attitudes on the part of the student—and can be corrected. School and sports can be successfully combined only by a man who has determination, organization, and intelligence.

"EXCERPTS FROM THE RESEARCH GUIDE"

"Industry and business want brains and trained thinking, but it also wants the physical capacity, the courage and team consciousness that sports develop."

"We find that enlisted personnel adapt themselves much better to the Armed Service life and have better leadership potential when they have had experience in sports. We suggest there should be a greater effort to organize better planned and supervised sports activities for the youth of the country, especially in the schools."

"There should be every attempt made to combine physical and mental activity. What the schools should turn out are 'whole' people and not 'fragmentary' youth. It is the complete personality development that is needed. A combination of physical and mental training and experience is the only way to accomplish this. This, of course, demands excellent organization and a proper, intelligent attitude on the part of all concerned—parents, students and teaching staff."



Sports

BASKETBALL

On behalf of the Basketball Team and Coach, J. Hamilton, I would like to extend a heartfelt thanks to the staff and students for the ardent support given us in this our most successful basketball year in the history of the Institute.

The Intermediate City League was composed of four teams playing a 24-game schedule. The "Tech" team finished in second place—behind the league-leading Pontiacs—but in the three-game playoffs proved to be the better team. After copping the City Championship the team went on to capture the Central Alberta Championship, defeating Red Deer, in a two-game total point home and home series. Travelling to Edmonton the team downed the highly rated Kingsway Car Market Club in two straight games to win the right to play the Southern Alberta Champs in the Alberta finals. The Alberta finals between "Tech" and the New Dayton Ramblers provided the most hair-raising basketball entertainment of the season. Although the "Tech" team suffered a large setback in the opening halves of the three games they came from behind to win the Alberta Championship two games out of three, the first by four points and the third and decided game by one point.

On behalf of the team I would like to thank our Coach, John Hamilton, and also Jim Clark for their support and help throughout the year.

W. BROWN,
Z 2.



ALBERTA CHAMPS



"IT" LIKE THIS, FELLA"

BASKETBALL



CUP HOLDERS



INCHES COUNT

GIRLS' SPORTS

The Girls' Basketball Team has been a great disappointment this year.

For the first few months after organization everyone turned out enthusiastically. After this, however, interest fell and all but three or four members dropped out. A few games were played at which the "Tech" girls were on the short end of the scoring list.

The girls had hoped for a road trip but due to the lack of co-operation and enthusiasm this was found to be impossible.

In spite of this, however, our Coach, A. Dozzi, who gave freely of his time and knowledge, was always at the gym for work-outs at the given time.

Volleyball for the girls has turned out quite well and has proved to be fun for all those concerned. At noon on Thursdays the girls have deserted the second floor and taken to the gym for a series of games.

Our thanks to "Dozzi" who unfailingly turned out for basketball and also our thanks to the boys who assisted with volleyball at noon. "Thanks, fellas"!

DONNA WRAY,
P 2.

HOCKEY AND BADMINTON CLUB

BADMINTON CLUB

The Club was organized late in October with the assistance of Mr. Leckie.

Membership increased to twenty-five, but due to the size and availability of the gymnasium everyone could not be accommodated.

After the New Year an Elimination Tournament was played against Varsity. "Tech" was victorious in 45 of the 70 games played. Winners of the events were: Jerry Drake, ladies' singles; Irene Hancash and Jerry Drake, ladies' doubles; Len Crowther, men's singles; Len Crowther and Jim McCulloch, men's doubles; Donna Way and Len Crowther, mixed doubles.

At present, a ladder tournament is in progress and will continue until the close of the badminton season.

May we hope to see greater outside competition next year plus a few more girls who are interested in the activity.

T. N. WEIR,
R 2,
President.



HOCKEY

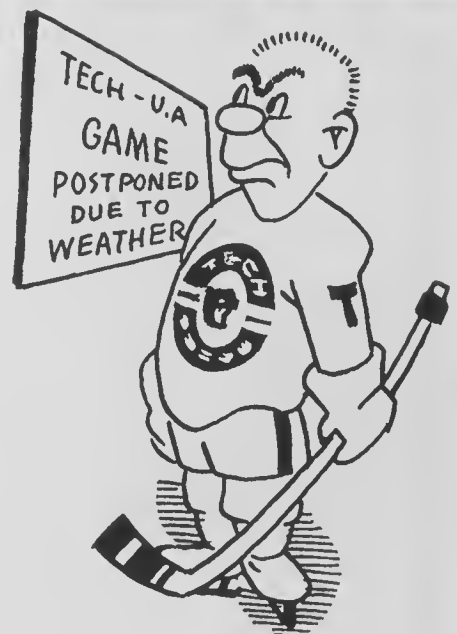
Well, the puck-chasing sport had its ups and downs at "Tech" this year. The big stumbling block was Mother Nature herself. A bit of co-operation from the old gal would have seen the Panthers and class hockey going strong.

Hockey got an enthusiastic start with an organization meeting at which Derrill Smith was elected President, and Nelson MacDonald, General Manager. Constructive advice was supplied by Staff Advisor, Mr. Snell, and Athletic Chairman, Bob Pitts.

The Panthers, under the sharp eye of Jim Drew, showed lots of sparkle and finish, but the weatherman kept them from displaying it. However, summing it up, hockey enjoyed a successful season, ha! The Panthers had their best year, tasting defeat only once.

So, in signing "thirty" to this hockey round-up, let's just sit back and dream of the day artificial ice will come to "Tech."

NELSON MacDonald,
R 2.





ON THE BROOM

The Curling Club enjoyed a good year; as good as the weather permitted. We started out the season with eight rinks which later were trimmed down to six rinks.

A great interest was shown by the girls this year, with at least one girl, and in some cases two girls, on a rink. They played a dominant part in our activities.

The greatest interest of the year was centered around a bonspiel, which will go down in the books as one of the longest in history. Because of our climatic changes, the 'spiel, with 32 rinks entered took three months to play. The Chinook kept the ice quite soggy most of the winter. Next year, with artificial ice in at the North Hill Curling Club, we will be assured of good ice.

The bonspiel was played off between teams from "Tech," Varsity students and Instructors. We met a number of people from "the other side," we had fun—and some even got into the prizes. With the coming years we hope this bonspiel will become a greater and greater attraction.

Winners of the bonspiel were:

Primary Event	O. Bildfell
Secondary Event	A. Doucette
Consolation Event	A. Buehler

M. ALLAN BUEHLER,
L. S. 1.



SECONDARY WINNERS



PRIMARY WINNERS

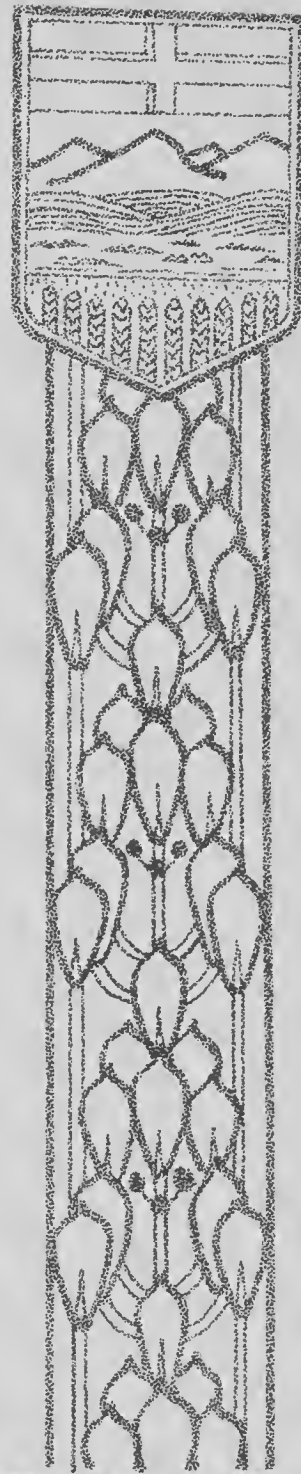
ACTIVITIES

In a recent survey it was revealed that those graduates of certain colleges in the United States, who took part in extra-curricular activities while in school, later obtained higher vocational success than the average. Those graduates with a record of "substantial achievement" were earning on the average 20 per cent above the entire group. Those with "some achievement" were earning 10 per cent more and those with "no achievement" were earning 10 per cent below the average salary of the alumni. With these results in mind some colleges have made extra-curricular activities part of the academic course.

The student government, like all democratic functions, exists to promote the welfare of the students. Through leadership a student can discover and develop unforeseen abilities and learn fellowship. Committee work on the aspects of finance, social and publications provide outlets for other types of abilities. Other clubs make use of still different abilities of the student. Many activities may prove valuable from the vocational as well as avocational viewpoint.

It is a known philosophy that we learn by doing, and where there is no self activity there is no learning. Educational institutions are concerned with what is learned, and campus activities must be judged accordingly. The development of the mind is of prime importance and can be learned by participation in a wisely guided programme of activities. Democracy can only be learned by living as active, purposeful, and responsible participants in democracy.

You may already be active in student functions, or you may be on the side lines. What ever your present status, the Institute social world contains a wealth of opportunities for trying out your powers of leadership and fellowship; for learning to choose the finer values in life, and for developing a personality.



Activities

THE EMERY WEAL



J. ROTHLIN
MANAGING EDITOR



J. ALDER
GENERAL MANAGER



MR. F. G. FORSTER
STAFF ADVISOR



MR. N. STROMBERG
STAFF ADVISOR



NELSON MacDONALD
ARTIST



LLOYD DOWLER
ARTIST



DOREEN WEBER
SPORTS



R. BRENNAN
SPORTS



B. BURNSIDE
HUMORIST



W. OLIPHANT
ARTICLES



T. SWANBY
NEWS



T. SARUWATARI
NEWS



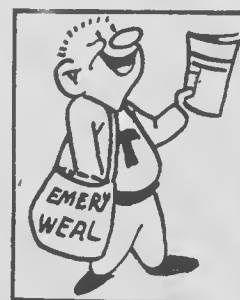
W. HERDMAN
NEWS

As this Tech-Art Record must be in the printer's hands before the last issue of the Emery Weal has gone to press, we, the members of the Emery Weal staff, would like to take this opportunity to thank the many people that have helped to make the issues a success.

It has been a hard task to dig the paper out of the moth balls. Much had to be organized, quarters procured, reporters "hired" and manager secured; and the big job, trying to find "Shorty." Then we were ready, the material was organized and the printer went to work. The paper "goes to bed" after final proof reading and careful checking. It's a real pleasure to see the final outcome of your work. The final step, selling to the public is critical—will the people like it? It is a great feeling to see a person smiling at something he read in the paper. Well, there you have it, the complete paper. Let's hope it never gets stale again or receives the tribute extended to it in last year's Tech-Art Record.

It's up to the students next year, now, to keep this paper going, full of vigor and vitality, never again to go on the rocks. In closing, I and the staff would like to thank personally, the following people, without whom we could not have faced our great task: Mr. Forster and Mr. Stromberg, our staff representatives; Miss Keibel, our typist; Dr. Fowler, Miss Sinclair and Miss Dowkes for their invaluable assistance.

JOE ROTHLIN,
E 2,
Managing Editor.



"SHORTY"
PRINTER'S DEVIL



D. I. KEIBEL

THE EMERY WEAL



DRAMA SOCIETY

DRAMA SOCIETY

This year might have been the 13th year of "Tech" Choral Productions had it not been replaced by the "Tech" Drama Society.

Under the direction of Mr. Clarence Aspden this year's three bill show proved successful in every way. It also brought to light the talent, heretofore undiscovered and showed that a show could be staged here at "Tech" despite the inadequacies of our stage.

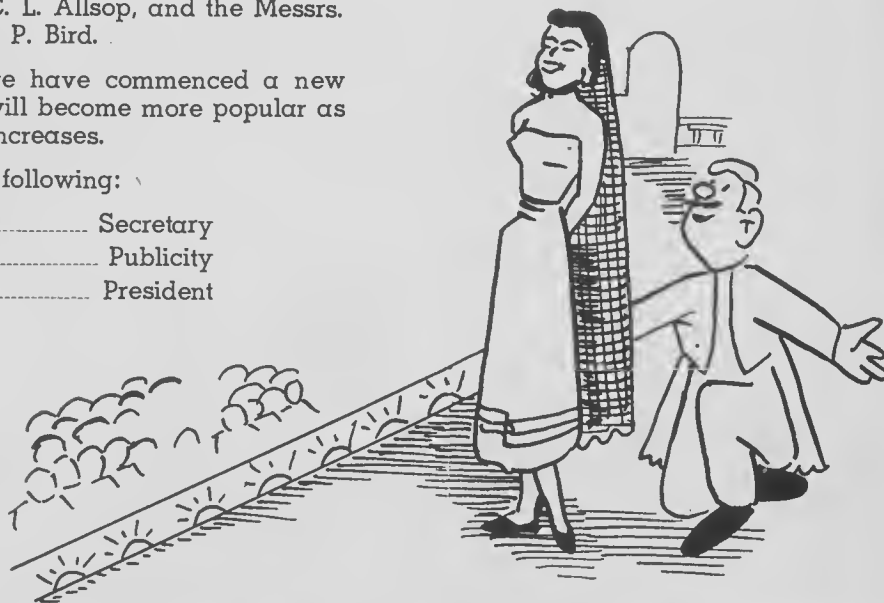
The success of the show may be attributed to the splendid co-operation received from various departments.

Always on hand to boost our efforts were our staff advisors, viz.: Mrs. M. Nicoll, Mrs. C. L. Allsop, and the Messrs. Otto Kingsep, Luke Lindoe and S. P. Bird.

May we venture to hope we have commenced a new era of drama productions which will become more popular as the demand for such an activity increases.

The Executive comprised the following:

BETTY CRILLY	Secretary
DONNA WRAY	Publicity
TOM WEIR	President



3—ONE ACT PLAYS

DIRECTOR—Mr. Clarence Aspden

A WEDDING

BRIEF PLOT:

A spoiled daughter and an only son who decide to have a home wedding in the country did not foresee any problems.

Everything that can happen does, so pre-wedding decorum is tossed aside in a desperate search for a lost collar button.

CAST:

Bob Tisdale (groom)	Tom Swanby
Archie (best man)	Tom Weir
Ted (groomsman)	Harold Reynolds
Alice (bride)	Betty Crilly
Mr. Grayson (bride's father)	Bill Porochuk
Mrs. Tisdale (groom's mother)	Alice Collett
Miss Tisdale (bride's aunt)	Elizabeth Bryant

THE DEVIL COMES TO ALCARAZ

BRIEF PLOT:

During the Fiesta of Cristobal, a very old legend comes to life and the Devil makes a return visit to Alcaraz.

While staying in the city, he devises an ingenious method of finding a husband for a very anxious young lady.

CAST:

Casilda	Elsie Banser
Josefa	Alice Collett
Maria	Margaret Courtney
Isabella	Donna Wray
Carmelita	Doreen Holman
Ricardo	Tom Weir
Julio	Ray Olsen
Mario	Howard Ferguson
Bonito	Art Wolverton
Nicholas	Len Crowther

(Dance was taught through the kind courtesy of Amy Durant.)

STAFF ADVISORS

Make-up	Mrs. M. Nicoll
Costumes	Mrs. C. L. Allsop
Direction	Mr. Otto Kingsep
Scenery	Mr. Luke Lindoe

BACK OF THE YARDS

BRIEF PLOT:

The story is the familiar one of the wayward youth and loyalty of his friends.

They are victims of circumstance, and it is sometimes difficult to decide who is more guilty, the offender or the offended.

CAST:

A Priest	Bill Herdman
Police Sergeant	Len Crowther
Michael Conner	Don Lamond
(Wesley United Church Young People's Society)	
Mrs. Conner	Alice Collett
A Girl	Donna Wray

PRODUCTION

Scenery: Designed by Jean M. La Pointe.

STAGE CREW—Pat Davie, Helen Rejsky, Jack McDonald, Lloyd Dowler, Jack Mitchell and Ted Wichula.

LIGHTING AND SOUND EFFECTS—Bill Herdman and Harold Reynolds; assisted by Bill Kusnir and Dick Getkate.

TICKETS—William Andreeff, J. McAreavy and Mike Yachimec.

USHERS—Mary Bell Lawson, Vivian Harvey and Rita Brennan.

COVER DESIGN—Lillian Clapp.

BUSINESS MANAGER—S. P. Bird.

ORCHESTRA PERSONNEL

Conductor _____ Mrs. Graham B. Paynter

Pianist _____ Marguerite Hildebrandt

Staff Advisor _____ M. J. Tomlinson

VIOLINS—Eric Conrad, Buddy Leinweber, Rosemary Gregory, Morley McDougall, Leonora Pearson Wilson and Helen Pecover O'Conner.

CELLOS—Joy Leinweber and Bert Raby.

CLARINET—M. J. Tomlinson.

TRUMPET—George Bedard.



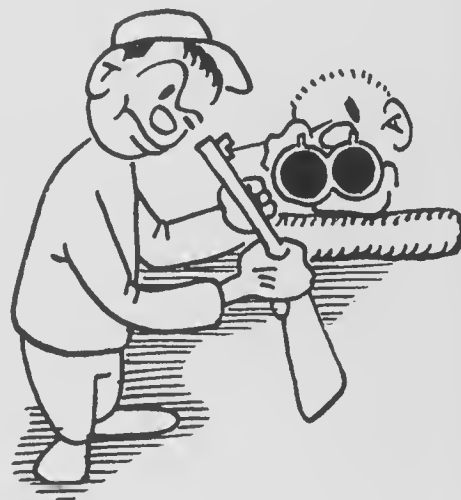
HAM CLUB AND RIFLE CLUB

RIFLE CLUB

Well, the school year 51-52 has rapidly drawn to a close. The Rifle Club started out with a bang in the fall with close to 35 members and up until Christmas enjoyed great popularity, but afterwards has dwindled down to about the present ten or fifteen faithfuls.

Meetings were held on Mondays and Thursdays from 7 o'clock on and even some members of the fairer sex turned out to demonstrate their shooting abilities. If you were to drop in you would see some excellent shooting in all positions: prone, standing, and sitting. The Rifle Club was directed by A. Bjornebo, who was very helpful to novice shooters and others more experienced in showing them the finer points of competition shooting.

DON ATTWELL,
K1.

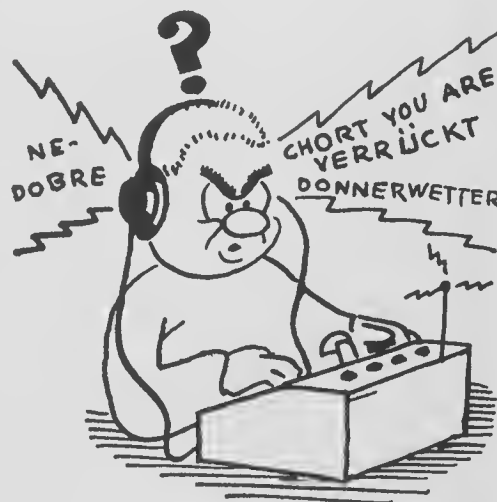


HAM CLUB

The "Ham Club" was formed in November when Mr. Johnson explained the purpose, unlimited possibilities and advantages of such an organization. A Ham or Radio Amateur, as he is sometimes known, in International Law is defined as: "A duly authorized person interested in radio technique solely with a personal aim and without pecuniary interest." Radio is his scientific hobby, a means of gaining personal skill in the fascinating art of electronics and an opportunity to communicate with fellow citizens by private short wave. He is a member of 150,000 radio operators scattered over the globe who are constantly striving to develop and improve apparatus and technique. All Hams must be licensed and thus have to pass an examination on operation, apparatus, provisions of law and regulations affecting amateurs, and ability to send and receive code.

Twenty-three members who joined the club began studying during noon hours in the Commercial Wireless Room. Instruction was volunteered by the more experienced on code, procedure, terms and abbreviations, regulations, and theory. Turns were taken on the transmitter and many contacts made with friendly Hams across the border, in our own Province, as well as other Provinces. It is now hoped that all can pass the exam for their tickets and continue in this interesting hobby.

J. P. SKITCKO,
E. O.,
Secretary.



The present I.O.T.A. Club is made up of all the girls attending "Tech" during the year 1951-52.

This year the Club has been fairly active with an evening of entertainment once a month.

The Club consists of twenty-four girls from Dressmaking 1 and 2, Survey Drafting and Food Service Training classes.

In October, 1951, the following officers were elected:
MARY BELL LAWSON Vice-President
NANCY YAMASHITA Secretary
SOCIAL COMMITTEE: Stella Tomy, Alice Buoy, Rita Brennan
and Edith Pickering.

We find that a good portion of our money was well spent on curling fees this year. The girls that didn't know how to curl were willing to learn—especially when they decided to have mixed rinks. Even some of our beginners can now instruct.

Two skating parties have been held with a fair attendance. Lunch was served afterwards for those who were lucky enough to get there on time!

Our one theatre party was enjoyed by all who attended—even though it was the coldest night of the year.

We have taken great pleasure in playing volleyball Thursday noons and having our instructors join in the fun.

Our meetings this year have been most successful and we hope that in the future the I.O.T.A. Club will continue to encourage active members, wider interests and hearty co-operation.

BETTY CRILLY,
P 2,
President.



ART DISCUSSION GROUP

Planned to be a combination of entertainment and enlightenment, the Art Discussion Group has brought to the students a series of films bearing on all the Arts and Crafts.

Following each showing a lunch was served in the "D" Building. Interest was good and attendance improved over former years.

The monthly meetings began with films on Canadian Art, including the works of A. Y. Jackson, Tom Thompson and painters of Quebec. To add significance to the programme, Mr. Kerr showed prints and gave a lecture on the trend of Canadian Art.

The showings that followed consisted of "Art and Life in Italy," "Finger Painting and Techniques," "The Lion's Necklace," "The Season's" and "Arts and Crafts of Mexico." Mr. Lindoe spoke on the History of Water Color, following the films "Painting the Chinese Landscape" and "Out of a Chinese Paintbrush."

At time of writing, more films are to come. We feel that our purpose in showing the films is succeeding; that stirring of interest in the beauty of original creation, that interest in the finer than ordinary that will add to the art-students' personal and professional development.

JOY SUTERMEISTER,
R 11.



LITERARY REPORT

Interest was rather lacking in the production of lits in the year 1951-52, but there were three which are well worth mentioning.

The Staff put on the first lit of the term, a clever parody about a school year at "Tech." The motley group of students being enrolled on registration day including everything from Doukhobors to a cricket-playing Englishman. Classes were a bedlam—the instructors gave forth with confusion lectures and were in turn made the objects of embarrassing questions and practical jokes. The skit ended with a farcical graduation speech by the Principal, followed (to the infinite relief of the instructors) by the departure of the students.

The Aero Department presented a mutilation of a pantomime called "The Shiek." The capture of El Hashish (The Dope) of three girls lost in the Sahara formed the basis of the play. The girls managed to survive and escaped at the end, their honor still intact.

The Art Department production, "The Origin of the Medicine Lodge," was probably the best lit in our school's history. A great deal of work must have gone into the stage lighting and the fascinating costumes and sets. Presented in a serious vein, it followed closely an old and very interesting Blackfoot Indian legend. A beautiful maiden had given herself to the sun and the legend tells of how her lover visited the sun to ask for her hand in marriage. This was granted. Also was he instructed to erect, on his return, a building in the sun's name. This was done and thus was the origin of the Medicine Lodge.

A tribute should be given the Auto Mechanics' Orchestra, which put on a very good programme as a fill-in for one of the "Lits".

It is felt that these performances have helped to make up somewhat for the general apathy of the rest of the school in the staging of lits. Next year, it is hoped, every class will put on at least one of these presentations.

BOB CONSTABLE,
LYALL WEBSTER,
Z 3.



30th ANNUAL BANQUET AND DANCE

"The best yet!" So claimed those who attended the 30th Annual Banquet and Dance. Very few occasions such as this are noted for gaining momentum over a period of 30 years but the "Annual" has done just that.

To get the atmosphere of the Crystal Room of the Palliser on the first Friday in February, all you need is four hundred people in their best "bib and tucker", bound and determined to have a good time: good food, excellent entertainment, and fine music. A table-full of mechanical drafters and machinists add a great deal of sparkle, too, especially when they are in competition with the Ag. Mechs.

I hope that my successor will be able to make the 31st an even better affair but I'm sure he will not have any better co-operation from his committee. My thanks to them. All credit must go to the Art Department, without whose efforts the whole evening would have been very drab.

Dr. Fowler's retirement was the theme of this year's banquet, and while we are sorry to see him go we are glad to have had the opportunity to give him a really colorful send-off. The "best yet" tribute to the "best yet" Principal.

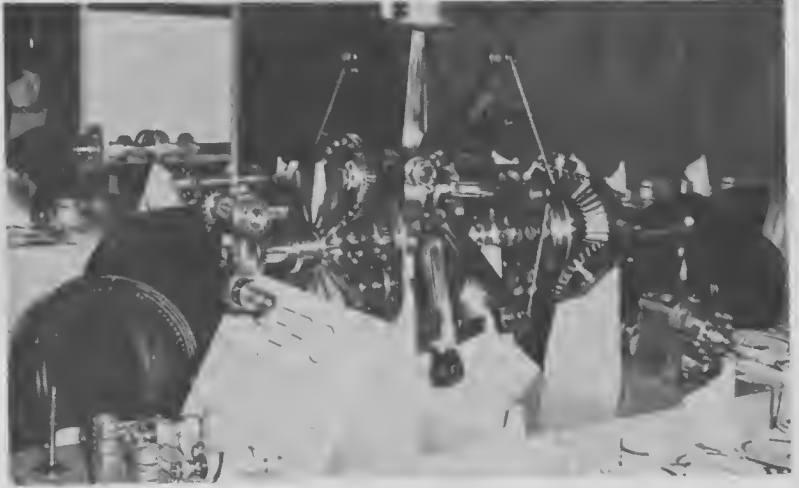
G. M. MALYON,
Z3.



DR. FOWLER STORY



30th ANNUAL BANQUET AND DANCE



DR. FOWLER STORY Cont'd



SCHOLARSHIPS OF 1950-1951

AND "T" AWARDS

SCHOLARSHIPS

Bruce Robinson Electric Ltd., Calgary, \$150.00—Almer Albert Reichel, Calgary.
Canadian Western Natural Gas Co. Ltd., \$150.00 each—
Survey Drafting Award: Argilio S. Dozzi, Nelson, B.C.
Machine Shop Award: Norman Dlin, Edmonton.
Crown Lumber Co. Ltd., Calgary, \$50.00—Stanley Ewanovitch, Tofield.
Manning Egleston Lumber Co. Ltd., \$150.00—William Gordon Merryfield, Calgary.
Department of Economical Affairs—
\$100.00: Katie M. Nishida, Raymond.
\$ 75.00: Leonard Inglis, Calgary.
\$ 50.00: W. Vivian Culham, High Prairie.
The Alberta Command of the Canadian Legion of the British Empire Service League Scholarship, \$100.00—William David H. Roberts, Toronto.
Calgary Power Ltd., \$150.00—Arthur John Alder, Calgary.

ART SCHOLARSHIPS

Col. Woods Chapter I.O.D.E., \$100.00—Lillian Clapp, Ponoka.
The Calgary Business and Professional Woman's Club, \$50.00—
Joy Sutermeister, gleichen.
Local Council of Women, \$50.00—Nelson MacDonald, Calgary.
A. C. Fuller, \$35.00—Steve J. Kiss, Calgary.
Hudson's Bay Co., \$35.00—Nick Bidniak, Vegreville.
Calgary Gas Co., \$25.00—Jacqueline Patmore, Victoria, B.C.
Calgary Gas Co., \$25.00—Arthur Hopping, Edmonton.
T. Eaton Co., \$25.00—Alice Collett, Calgary.
Henry Birks and Sons, \$25.00—Paul Sembaliuk, Vegreville.

VISUAL ART SCHOLARSHIPS

(Not P.I.T.A. Scholarships)—\$100.00 each—
M. E. Hewitt, Marg. Latimer, Mary Switzer, Nick Bidniak, Lillian Clapp.

"T" AWARDS OF 1951-1952

"T" Awards are the means by which the students recognize those amongst them whose efforts have been instrumental in securing successful functioning of extra curricular activities throughout the Institute. Of these honoured people we are indeed proud.

The "T" Award underwent considerable renovation this year. In previous years the "T" Awards were divided into six types causing a mass of confusion and far too many awards distributed. This year the type of awards have been cut to two, a Major Award and a Minor Award. A point system of selection was instigated this year to determine award winners. This way proved quite accurate and concise. With this new method comes a reduction in the number of awards offered. There are in the vicinity of seven Major Awards and fifteen Minor Awards.

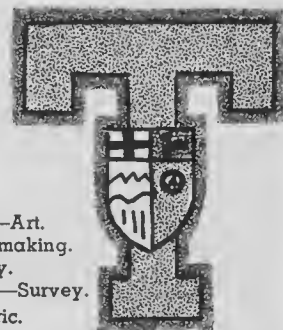
The following students have given their time unselfishly to extra curricular activities. For this they have been honoured as recipients of "T" Awards.

Congratulations to the above mentioned, they are students who have done their share in living up to our motto: "Precision, Perseverance, Progress."

NELSON MacDONALD,
Art 2.

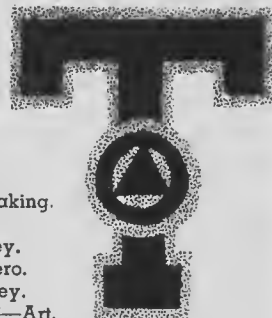
MAJOR AWARDS

NELSON MacDONALD—Art.
DONNA WRAY—Dressmaking.
TOM SWANBY—Survey.
MARY BELL LAWSON—Survey.
BILL OLIPHANT—Electric.
LLOYD DOWLER—Art.
PAUL SEMBALIUK—Art.



MINOR AWARDS

BETTY CRILLY—Dressmaking.
BOB PITTS—Survey.
DOREEN WEBER—Survey.
MURRAY MALYON—Aero.
ALLAN BUEHLER—Survey.
JACQUELINE PATMORE—Art.
ELLEN PATTERSON—Dressmaking.
ELSIE BANER—Dressmaking.
DOREEN HOLMAN—Dressmaking.
BOB KEYS—Aero.
MARGARET COURTNEY—Dressmaking.
TOM WEIR—Art.
BILL HERDMAN—Electric.
WALTER BROWN—Aero.
LEN CROWTHER—Electric.
NORM BAKKEN—Electric.
LEE GUYN—Survey.
ART HOPPING—Art.
ARGELLO DOZZI—Survey.
RAY OLSON—Electric.
JACK MacDONALD—Art.



Every city of major importance in Canada should have an Institute of Technology. These schools, not too great in abundance, are not only beneficial for students who wish to learn or master a trade, but are of some economy to parents who otherwise would have to send sons and daughters to the University.

Another advantage of having a Technical School in every large city, is that students from the country and smaller towns can more easily find lodging to their convenience, without undue trouble. Students can also choose an Institute that is nearer to their home, saving money on transportation and also have a chance to visit home every week-end. Also as the schools might vary some in trades or courses offered, students would have a greater choice and would more than likely find something better to their liking; more suitable to their abilities.

As we know in Calgary, many students who work during the day, go to night school where they gain knowledge of whatever course they partake. Many young men in other towns do not fair so well because no Technical schools are available, so precious time is lost and they do not make rapid progress in the way of a career or trade. Juvenile delinquency is caused by too much free time and nothing to do. It usually results in over-eager youth, who could be putting its youthful eagerness into learning a trade. A Technical school also helps solve the problem of lack of a University Entrance Course Completion, required to enter University. Because of the lower entrance requirements, students who otherwise would have been limited in their progress have a good chance to become leading figures in Communities.

By having a Technical school in every large city in Canada, our country could build up its resources and have better trained craftsmen in every field. It would also help to put Canada on a more equal competing level with the United States.

Thus technical schools would not only be a valuable asset to the government and the people, but also to the fathers of industry, who are directly responsible for our common luxuries of life.

FRANK RADELJO,
H I.



APPRENTICE HISTORY

The Apprentice Act, introduced in 1944, makes provision for employees and employers in any trade to petition the Minister of Industries and Labour, to have the trade "designated" under the Act. Public hearings are then held in the main centres throughout the Province in order to determine the wishes of the majority of the employees and employers in that particular trade. If there is a strong feeling in favour of the trade, and it comes under the provisions of the Act, it is "designated" by an Order-in-Council. This means that anyone employed in, and using the tools of the trade, must be a certified journeyman or an indentured apprentice. Local advisory committees consisting of equal members of employees and employers and a provincial advisory committee of similar composition, are then set up to advise the Apprenticeship Board regarding such matters as: length of apprenticeship, who may be apprenticed, academic prerequisites, periods of technical training in school, contents of the course, etc.

These presentations are then considered by the five-man Apprenticeship Board, with the assistance of the Director of Apprentices. When they are finally approved they are authorized by Order-in-Council and have the effect of law.

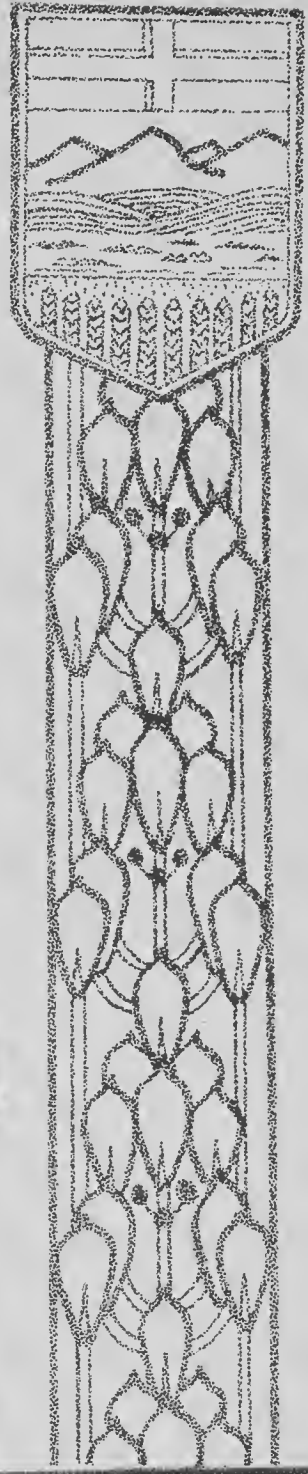
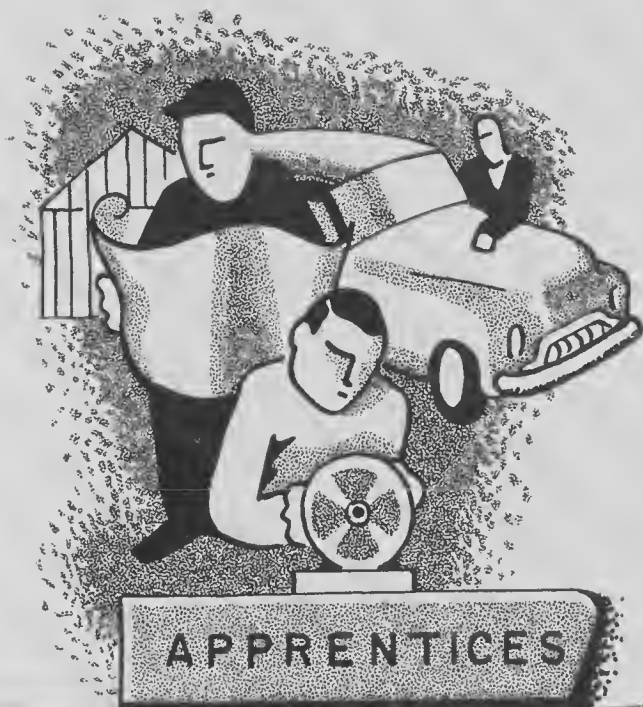
All persons engaged in the trade who do not have journeyman status must then sign a contract of apprenticeship. Credit on this period may be given on the recommendation of the local Advisory Committee for any previous training or experience in the trade, with this exception: all apprentices must complete the specified period of apprenticeship before they can write for their Journeyman's Certificate. They must also attend technical courses in an approved school as and when required under the regulations of their trade.

In some trades this period of technical training consists of one to three months in each year of apprenticeship. In other trades there is a prolonged period of basic training in the first year and the shorter period of final training in the last year.

Apprentices are passed from one year to the next by means of a three-fold test. This is the average of the ratings given them by: 1—The school; 2—Apprenticeship Board; 3—Their employer.

All apprentices, unless excused by the Board for special reasons, must attend these technical courses, as and when required by the Board. While doing so they receive weekly subsistence allowances of twelve dollars if single, and fifteen dollars if married, in addition to free transportation from and to their home centre—if it is outside of the city from where the school is located.

While the technical training of apprentices was begun in the Canadian Vocational Training Centres in Edmonton, Calgary and Red Deer, it is now the policy of the Government to transfer all this technical training to the Provincial Institute of Technology and Art, Calgary, as space and equipment become available. As of December 31, 1951, there were 2,328 apprentices registered in the 12 "designated" trades, in the Province of Alberta. In the opinion of officials of the Federal Department of Labour, which pays half of the cost of the Apprenticeship Training Programme, the training given in Alberta is superior to that of any other Province in Canada. The number of apprentices, on a per capita basis, is also the highest in Canada.



Apprentices

APPRENTICES



CARPENTER APPRENTICES 1A

BACK ROW : NICK JOHNNIE BRINKER, OLAFUR BILDFELL, RALPH KEITH, GORDON DALE EDMONSON, DONALD ROY DEEN, JOSEPH VINCENT CIESLAK.

MIDDLE ROW : JEAN PIERRE LETOURNEAU, ANTONIO LEMAY, WILLIAM HAROLD COULTRY, TONI ALVERO LLOYD CARKE, RONALD A. BARKAUSKAS, ROBERT ANDREW TEGNANDER.

FRONT ROW : ALLEN EDWARD FRANCIS, GEORGE KENT BURREN, ERNEST LUCIEN GRENIER, CORNELIS DE WEERD, JAMES HARRY LE VISCONTE, JOHN VICTOR CATTONI.

MISSING : DERK GETKATE.



CARPENTER APPRENTICES 1B

BACK ROW : FREDERICK WILLIAM FORSTER, ADOLF JOSEPH MIZERA, RONALD McKAY NEISH, AUBREY HARRISON VILLET, JOHN WILBERT MURRAY, EDWARD HILBERT SANDERS, ROBERT VINCENT.

MIDDLE ROW : STANLEY EUGENE STRETCH, OSCAR ROTH, ARCHIE KENNETH MARTIN, LOVOR NOVAK, MICHAEL JOHN SISSONS, GALE LERON STROLLER, WILLIAM GRANT CLAY.

FRONT ROW : DOUGLAS CAMERON McLEOD, VALDEMAR RICHARD NORDQUIST, HENRY LAWRENCE HILLMO, GRANT VENKUIS, DENNIS SIDNEY SIMPSON, LEROY GEORGE WOLLMAN.

APPRENTICES



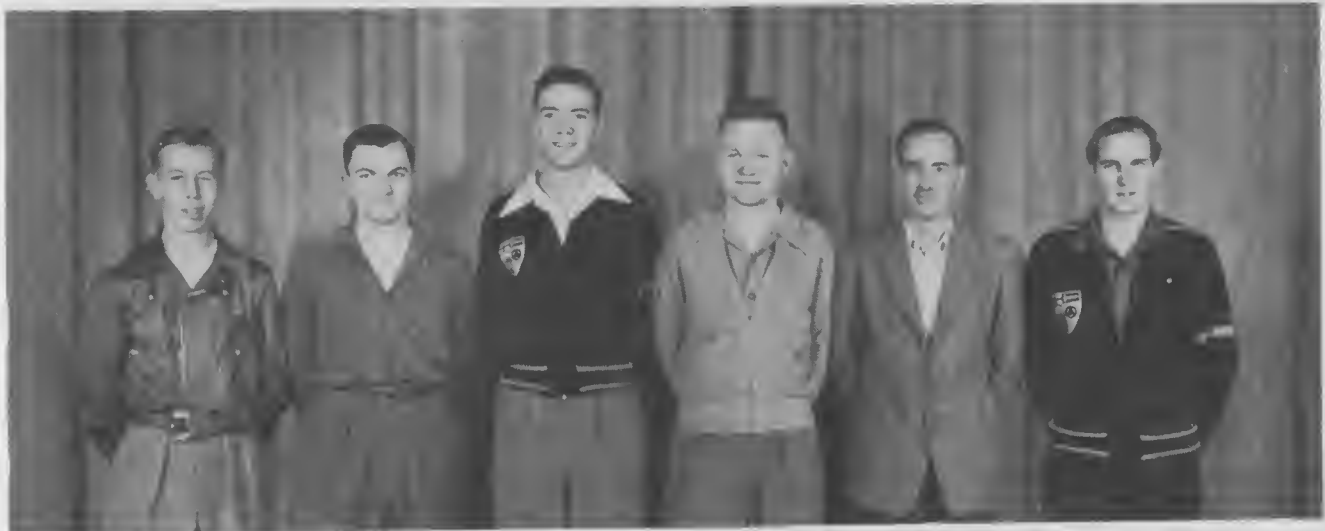
ELECTRICAL APPRENTICES 1

BACK ROW: THOMAS ROBERT LESTER, EUGENE ALBERT LAGASSE, RICHARD FRANCIS GINTHER, BERNARD RENDELL HIRON.

MIDDLE ROW: PHILIP CLAYTON PARR, WARREN FRANKLIN BATES, HAROLD MORLEY HOVIND, STEVEN JOSEPH TOTH, RAYMOND LEONARD LUTZ.

FRONT ROW: RICHARD JOSEPH NIVEN, JAMES RALPH CULSHAW, WILLIAM JAMES HALTON, LUDVIG KILPERT.

MISSING: FRANK JAMES SCHULTE.



ELECTRICAL APPRENTICES 2

GEORGE SODERBERG, JOHN TARNOWSKI, WILLIAM HERBERT PRIESTLY, STEVE JOE HNATKOWSKI, JAMES ALBERT FORBES, FREDERICK ROBBIN SCHMIDT.

APPRENTICES



MOTOR MECHANICS APPRENTICES 1

BACK ROW: HOWARD GARY LORIMER, Siegbert Sonnenberg, KENNETH ALLEN, DAVID ALFRED WARD, JOHN HEDDEMA.

MIDDLE ROW: DONALD CLARENCE GREINER, RALPH ELMER O'SULLIVAN, EDWARD JOHN SENER, HASSIN ALLEN SIDE, HENRY DROSIK.

FRONT ROW: JOHN SIMON KUCHERA, GEORGE MESTON, HARLAND KEANE LYESENG, STENER RASMUSSEN.

MISSING: THEOPHIL HANDEL, MICHAEL MOISEY, MILTON ROY SIM.



MOTOR MECHANICS APPRENTICES 2

BACK ROW: EDWARD WILLIAM O'KANE, JOSEPH MADRO, FREDERIC LEOPOLD EISEN-TRAUT, JOSEPH CATHERINUS VAN DOESBURG, WILLIAM McCORMACK, WILLIAM HENRY MILLER, RONALD OSCAR JOHNSON, WILLIAM GABA.

MIDDLE ROW: ARTHUR WALTER HEINZIG, JOHN OLIVER STANELY, ALEXANDER CZAJKOWSKI, ERIC BERGER BOLIN, GORDON GLEN BRESE, GORDON JAMES MISENER, MATTHEW JOHN REAY, EDWIN SCOTT NILSEN.

FRONT ROW: MICHAEL WILLIAM ONCIUL, WILLIAM LEANDER REYNOLDS, ROBERT CHARLES GILLESPIE, PHILIP LOUIS PREFONTAINE, VERNON AUSTIN CUN-CANNON, EDWARD WILLIAM PENIUK, GORDON CARL OLSON.

MISSING: ROBERT KEITH BENTLEY, WILLIAM JESSE MORGAN.

CANDIDS



DEPARTMENT OF CORRESPONDENCE INSTRUCTION

The Department of Correspondence Instruction originated in 1915 with guidance courses in Coal Mining and Steam Engineering for engineers in industry who were studying for Provincial Certificates of Competency. Since its inception the Department has grown steadily and nine courses are now in operation, with a tenth course being prepared. All courses are printed within the Department by the latest models of Multilith machines. Revision of courses is a major undertaking and is going on continually to keep the subject matter of the lectures up-to-date.

For many years the Department was headed by Mr. A. Higgins until his retirement in 1948. Mr. J. Platt immigrated from the University of Wales in 1948 to become Head of the Department in 1949. Mr. J. A. Middleton, who is holder of an Alberta First Class Steam Engineering Certificate, came on to the staff in 1949, and now supervises the four grades of steam courses offered. Miss E. Dowkes has been with the Department since 1931 and amongst other tasks is responsible for the typing and duplication of the course lectures. Miss D. Keibel came to the Department in 1951 as an assistant Multilith operator, and is in charge of the preparation of instruction sheets used by various classes in the Tech.

It is true to say that since its formation the Department has fulfilled a definite need in upgrading industrial personnel. Well over 5,000 students have received instruction, and many are now holding positions based upon certificates which we have helped them to acquire.

EVENING CLASSES

Evening classes were an early addition to the Institute courses but were more generally used from 1929 on. During the early 1930's classes were given free to the unemployed. Practically all day courses are covered in night courses, with some additions and omissions. Courses offered in the evening are designed to meet the needs of any group that may desire to organize a class. Providing there are enough members for a class, the facilities are available and an instructor can be found, the class will be formed.

Mr. L. H. Bennett was the first Director of the Evening Classes, from 1929-1939; followed by Mr. F. G. Young, 1939-1942 and 1946-1948, and Mr. G. E. Brown, 1942-1945 and 1949-1952.

DEPARTMENT OF CORRESPONDENCE

For many years the Institute has offered courses through the mail which are designed to assist industrial personnel who intend studying for Provincial Certification in the fields of Steam Engineering and Coal Mining.

The Department of Correspondence Instruction has a total of nine courses operating at present, with a tenth course on Strip Mining now under preparation. Our active enrolment is close to 500 derived from widely scattered points all across Canada. We have students located as far East as New Brunswick, as far West as Vancouver Island, and as far North as the Yukon. To satisfy the thirst for knowledge of these enrollees we sometimes mail out well over 1,000 new lectures a month during our busiest periods.

As for "Tech" activities we print the instruction sheets, course notes, and shop cards with which you are all familiar. This year we have also been pleased to co-operate in the resurrection of the Emery Weal.

Although we know only a few of you personally, we trust that you have had a worthwhile year at "Tech", and that as a result of your own Perseverance, you have attained that all-important Precision, which will in turn lead to successful Progress in the future.

JOHN PLATT,
Head—Correspondence
Instruction Department



J. PLATT



J. A. MIDDLETON



E. DOWKES



D. I. KEIBEL



EVENING CLASS INSTRUCTORS



G. E. BROWN
DIR. OF EVENING CLASSES
AND PLACEMENT OFFICER

For the winter months of 1951-52 "Tech" has 922 students organized into 46 Evening Classes studying 21 subjects. Seven of these subjects (Art, Auto Mechanics, Drafting, Dressmaking, Geology, Welding and Woodwork) each attracted an enrolment of over 40 students. The total enrolment to date of 922 includes 129 children in Saturday Art classes, and 793 adults of whom 25 are also registered in various Day Courses.

A completely new course in Blue Print Reading was offered for the first time this winter; and a course in Materials Testing and the Heat Treating of Metals was made available for shop foremen.

The increasing size of Evening Class enrollments is a clear sign that the general public has enthusiastically recognized the value of P.I.T.A. courses in adult education. "Tech" is adding to its laurels in this department also.

G. E. BROWN,
 Director of Evening Classes



R. J. SPICKETT



MISS L. CLAPP



MISS A. COLLETT



P. SEMBALIUK



MISS M. SWITZER



G. H. ARNOLD



MISS J. PATMORE



L. IANTKOW



MRS. N. COOK



MRS. M. C. SINGER



MRS. W. FINLAYSON



MISS E. A. TRENTHAM

THE FOLLOWING ARE BOTH DAY AND EVENING CLASS INSTRUCTORS :

I. H. KERR	Art
J. S. PERROTT	Art
S. E. BLODGETT	Art
N. G. TWEEDLE	Auto Mechanics
W. MOORE	Auto Mechanics
F. PRICE	Auto Mechanics
G. R. HOWARTH	Blue Print Reading
R. C. SMITH	Carpentry
A. WASS	Carpentry
L. O. LINDOE	Ceramics
MRS. M. NICOLL	Craftwork
J. K. MacKENZIE	Diesel
J. R. REID	Diesel
W. H. BULL	Diesel
R. J. WARDEN	Diesel
L. C. GOODE	Drafting
J. PLATT	Drafting
A. R. G. LECKIE	Drafting
S. F. SNELL	Drafting
E. J. CLARK	Drafting
MRS. C. L. ALLSOP	Dressmaking
R. A. BROWN	Electricity
S. P. BIRD	Machine Shop
G. H. HARE	Machine Shop
O. KINGSEP	Materials Testing
A. SHAPIRO	Materials Testing
N. SAFRAN	Oil Chemistry
W. PARTIN	Radio
C. M. JOHNSON	Radio Code
D. C. FLEMING	Radio Code
MRS. A. B. VAN DELINDER	Weaving
R. R. SHEARER	Welding
F. E. WHITTLE	Woodwork
M. W. RABY	Woodwork
G. W. MILES	Woodwork
G. SANDERS	Woodwork

R. J. SPICKETT	Art
MISS L. CLAPP (Student)	Art
MISS A. COLLETT (Student)	Art
P. SEMBALIUK (Student)	Art
MISS M. SWITZER (Student)	Art
G. H. ARNOLD	Ceramics
MISS J. PATMORE (Student)	Craftwork
L. IANTKOW	Drafting
MRS. N. COOK	Dressmaking
MRS. M. C. SINGER	Dressmaking
MRS. W. FINLAYSON	Dressmaking
MISS E. A. TRENTAM	Dressmaking
MRS. N. V. RHODES	Dressmaking
MISS A. LAZORUK	Dressmaking
MRS. R. MILLER	Dressmaking
G. L. METCALFE	Estimating for Builders
E. W. JENNINGS	Geology
DR. W. J. McPHERSON	Geology
M. WAKLICH	Welding
F. PARNELL	Welding



MRS. N. V. RHODES



MISS A. LAZORUK



MRS. R. MILLER



G. L. METCALFE



E. W. JENNINGS



DR. W. J. McPHERSON



M. WAKLICH



F. PARNELL

A

duertising

The codfish lays 10,000 eggs,
The homely hen lays one,
The codfish never cackles
To tell you what she's done.
And so . . . we scorn the codfish,
The homely hen we prize,
Which demonstrates to you and me
It pays to advertise !



At this time when our advertising campaign has come to an end, I wish to thank my very energetic assistants. A job well done, fellas!

Pictured from right to left:

J. Cherinkoff, B. Konkin, B. Ketchin, H. Olson and R. Hilker.

BOB HILKER,
L.S. 1.





Advertising

AN AERO 3 LAMENT

—By Dave Roberts.

Here, in sad seclusion, pathetically we sit,
Far removed from any human ken.
In stifled isolation, we write for education,
Our home's the little room they call A-10.

The others can't appreciate our ponderings profound,
In fact, I doubt they know of our existence,
But in our mental labours, the presence of our neighbors
Intrudes on us with maddening persistence.

Do they practice Chinese Tortures in the Electricians' Course?
By the sound-effects there's Murder in their Shop.
Do those Radio Technicians have to crash our thin partitions
With Tchaikowsky, atmospherics, and Be-Bop?

Have they fought a Civil War in the Main Shop Corridor?
Are the enemy α -pounding at our gates?
Are a thousand hooves α -drumming? Can I hear the long-
horns coming?
No. It's just the Ag. Mechs. mooing to their mates.

When TEMPERATURES get CRITICAL, our misery's complete,
For our heating is maliciously perverse.
Are HEAT EQUATIONS easy, when the local climate's freeze-y?
Should POLAR FUNCTIONS make our shivers worse?

When short of STANDARD AIR, and in ATMOSPHERE that's
rare
With high-flown theories in a lecture formal,
My vision grows myopic, I lose the teacher's topic,
And my thoughts fly off at TANGENT TO THE NORMAL.

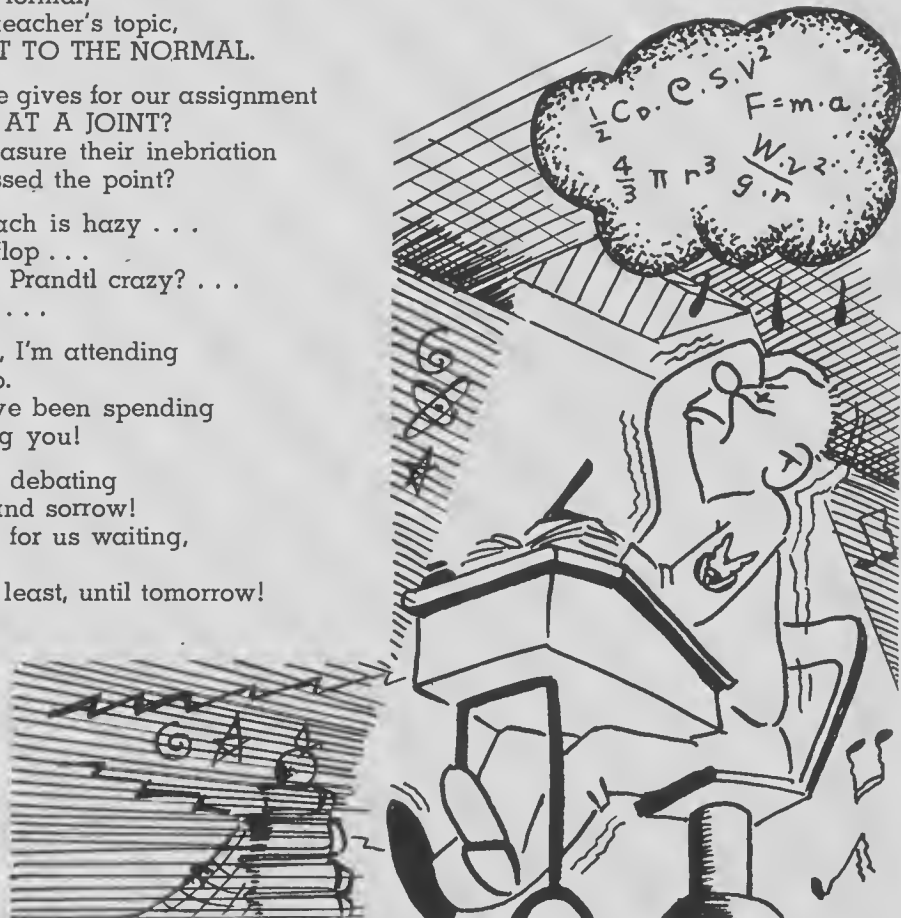
Does he mean a local tavern when he gives for our assignment
A GROUP OF MEMBERS MEETING AT A JOINT?
Does a RADIUS OF GYRATION measure their inebriation
As they totter home? Or have I missed the point?

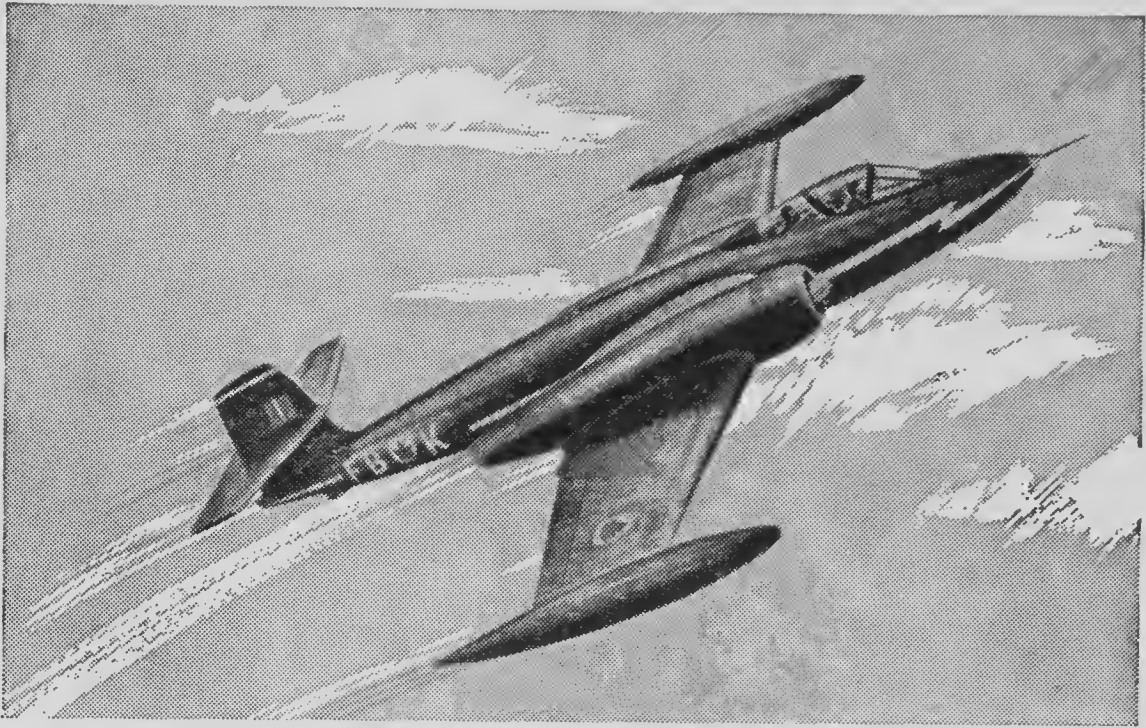
To REYNOLD'S NUMBER my approach is hazy . . .
My LIFT—DRAG calculations are a flop . . .
Did VORTEX FLOWS drive old man Prandtl crazy? . . .
I wonder, will this lecture ever stop? . . .

What's that you say, Sir? Yes, sure, I'm attending
To all you say. Just like I always do.
You wonder at my gloom? Well, I've been spending
The past six hours just contemplating you!

It's four o'clock? Then let's adjourn debating
And cast aside all thoughts of care and sorrow!
There's only three hours Home-Work for us waiting,
And then we're FREE! . . .

. . . at least, until tomorrow!





The Skyway to Success

A MESSAGE TO THE 1952 GRADUATE

LIKE any other young Canadians you may be facing the problem of deciding on the career or profession you will follow
 YOU want to select the one for which you are best fitted, and the one which offers you most of the things we all desire

- You want a career that you can put your heart into because you enjoy it . . .
- A field where you will have ample scope for your initiative
- Real possibilities for advancement in earnings and position
- Facilities for self-improvement by study and recreation
- A pension or gratuity at the end of your service

ALL these and many more advantages are available to you in the Royal Canadian Air Force today !

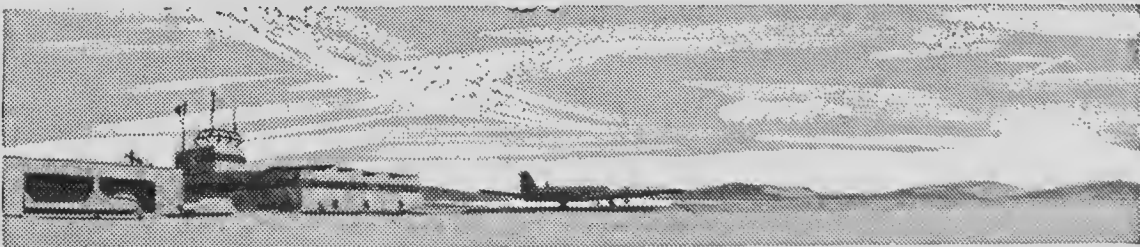
★ No matter what career you decide upon, our best wishes for your future success in your undertaking go with you.

A P P L Y

ROYAL CANADIAN AIR FORCE
 RECRUITING UNIT

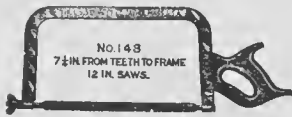
206 Eighth Avenue East, CALGARY

Phone 63688

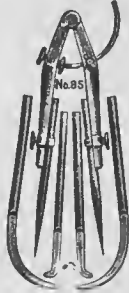


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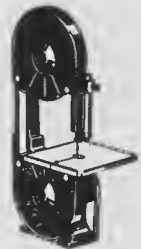
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with known brands
guaranteed tools
for better workmanship.



THE STUDENT IS THE
PROSPECTIVE EXPERT



The Machinist
The Woodworker
The Mechanic
The Builder



ASHDOWN'S
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Short Sleeve Pullovers **3.95**

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In pure botany wool or 100% nylon they
wash and wear wonderfully, and they're
priced right for 'Teen-Age' budgets . . .
Buy them singly or in twin sets in a
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Sizes 14-20.



"Bay" Teen Town — Second Floor.

Hudson's Bay Company.

INCORPORATED 21ST MAY 1870.



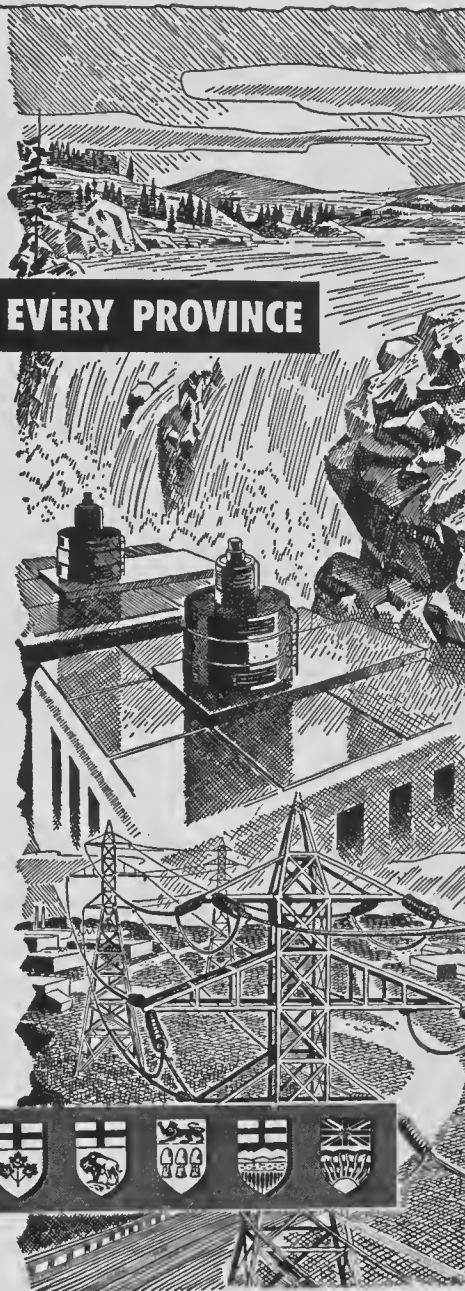
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Progress

This company believes that the greater the use that is made of electric power in Canada the higher will go our national standard of living and lower will go the costs of producing goods of every variety.

It is this belief, held now for nearly sixty years, that has determined the Company's unwavering policy—to produce more goods for more people at less cost.

Canadian General Electric is proud to be playing a part in the ever-growing electrical development of our country.



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Canada's Oldest and Largest Electrical Manufacturer

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in the bank"*

*the savings you enjoy
going..GREYHOUND*



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- "DAIRY MAID ICE CREAM"

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Phone 72246

1015—16th Ave. N.W.

Auto Body App.: "What this car needs is a spray job."

Instructor: "What color would you suggest?"

Auto Body App.: "Paris green. To get all the bugs out."

Mother: "Daughter, dear, your escort brought you home very late last night."

Daughter: "Yes, it was late mother. Did the noise disturb you?"

Mother: "No, the silence."

She took my hand in sheltered nooks,
She took my candy and my books,
She took that lustrous wrap of fur,
She took gloves I bought for her,
She took my words of love and care,
She took my flower rich and rare,
She took my ring with tender smile
She took my kisses, maid so shy,
She took I must confess my eye,
She took whatever I could buy—
And then she took another guy.

★ Have An Objective . . .

If you are going farming you can build for a better future for all farm people by helping build co-operatives. U.F.A. Co-op supplies Alberta farmers with highest quality Maple Leaf fuels and lubricants through 150 agencies. Also supplies many groups of farmers with bulk commodities ranging from coal, posts, lumber to washing machines, farm electric welders, blade weeders, etc.



HEAD OFFICE: 125-127 Eleventh Avenue East, CALGARY, Alberta

"Been fishing, haven't you? Did you catch anything?"

"Yes indeed. Caught the 8.30 there, the 6.10 back. Got caught in a heck of a storm, caught cold; and boy, will I catch it when I get back home."

A dashing "Tech" student named Tim Drove his car with considerable vim. Said he, "I'm renowned for covering ground." But, alas, the ground now covers him.

Steward: "It will cost you 50c to stay on this deck."

Passenger: "Oh, I thought this was the quarterdeck."

Mary (phoning her sweetheart): "You better not come over tonight, Daddy is mad. He found out that we used his car for joyriding last night."

Bill: "How did he find out?"

Mary: "We hit him."



SAVE TIME ... CUT COST

Flexible, lightweight CARLON pipe is recommended for land drainage, irrigation, livestock watering, jet well piping, and sewage. Quick, easy installation offers outstanding economy in use. It is guaranteed against rot, rust and corrosion. CARLON has a service life many times longer than ordinary pipe and virtually eliminates pipe maintenance and replacement.

Write today for information.



STD. SIZE	O. D.	I. D.	CALCULATED S. P. P. S. I.	WT./FT.	NORMAL SHIPPING LENGTHS
1/2"	0.840	0.622	540 lb.	0.103 lb.	400 ft. coils
3/4"	1.050	0.824	350 lb.	0.140 lb.	400 ft. coils
1"	1.310	1.070	200 lb.	0.181 lb.	300 ft. coils
1-1/4"	1.660	1.380	200 lb.	0.267 lb.	300 ft. coils
1-1/2"	1.900	1.610	200 lb.	0.320 lb.	250 ft. coils
2"	2.378	2.070	170 lb.	0.445 lb.	200 ft. coils

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Bruce Robinson Electric Ltd.

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H. E. YOUNG, Ph.C., B.Sc., Owner and Manager

Today a well trained Restaurant Management student can plan a delicious lunch. But what will they be able to do about breakfast and dinner?

Mr. Safran: "Here are two pills for you to take."

Student: "But why only two?"

Mr. Safran: "Take one when you go to bed and the other one if you wake up."

All problems become small if you don't dodge them, but confront them. Touch a thistle timidly and it pricks you, grasp it boldly and its spines crumble.

"Tech" Student: "Why raise my rent when my room is all the way up in the miserable attic?"

Landlord: "You use more stairs than anybody else"

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FOR YOUR CONVENIENCE - - A NEW SELF-SERVE STORE

By a recent survey, it has been disclosed that 50 per cent of all married couples are men !

A dollar still goes a long way—before it finds something it can buy.

Only one man in a thousand is a leader of men. The other 999 are followers of women.

An Englishman, driving through our country for the first time, read the highway sign: "Drive slowly—this means you!"

"By jove!" he exclaimed, "How did they know I was here?"

Instructor: "What do you want most out of life?"

Len: I want to own a large and charming farm—

Complete with dell and lea—
Where cows are milked and fields
are plowed,
By some one else—not me."

Jack: "I just received a letter from my long lost uncle in Egypt."

Joe: "What does he say?"

Jack: "He states that two-thirds of the Camels in Egypt have turned to smoking People's cigarettes."

● GET IT AT THE CRESCENT IF IT'S

● LUMBER

● HARDWARE

● FURNITURE

● PAINT

We have it — everything for the home.

We deliver !

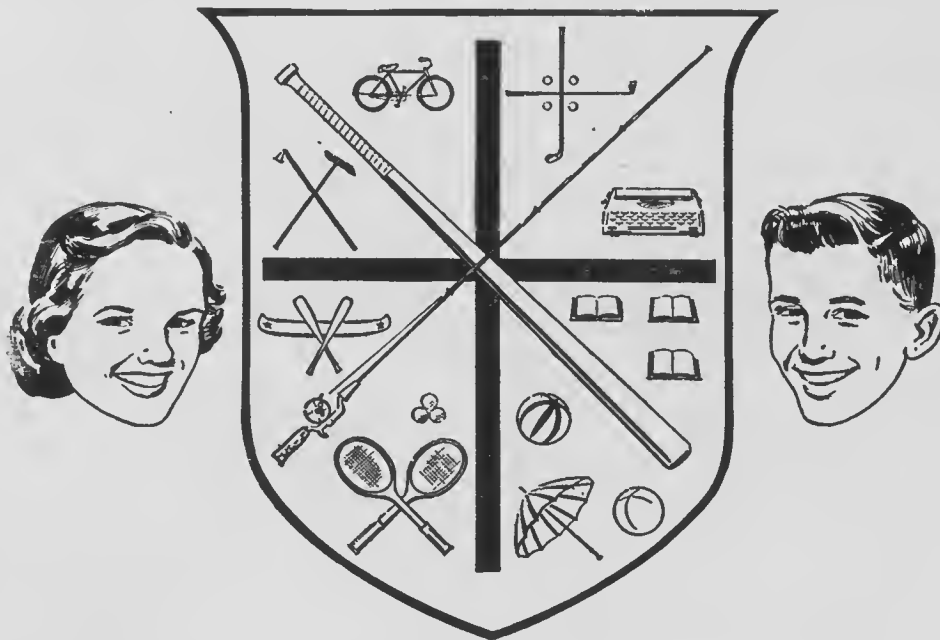
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Here's to a Happy Summer . . .
Whether You Work or Play!

Our summer crest symbolizes all those wonderful activities that make up your summer vacation—tennis, golf, swimming, fishing, baseball . . . those good books you've wanted to read! And we've even included symbols of a vacation job and summer studies. We invite you to see us for all your summer needs . . . the equipment and clothes for the vacation of your choice! And whatever you do, have a happy summer! . . .

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WESTERN LIMITED
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*the answer
to
Refreshment*

**BIG
ORANGE**

The Best Friend Your Thirst Ever Had

A Quality Product of
CALGARY BREWING & MALTING CO. LTD.

Plane Table—A kitchen table without a table cloth, used for eating purposes.

There once was a soldier named Mac,
Who was cleaning his slacks in his shack,
He used gasoline,
And that's the last that was seen
Of Mack, his slacks, or his shack.

Dill: "He has a head like a door knob."

Gill: "How come?"

Dill: "Any girl can turn it."

Pal: "So what if your girl walked out on you!" "There are other fish in the sea."

Hal: "Yeah, but she walked out with all my bait."



Some are born lucky
— smart people save

Our 3rd Street West Branch is convenient to the Institute

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Telephones 23338, 24338

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APPLIANCE SHOP

DEALERS FOR: _____

R.C.A. VICTOR, WESTINGHOUSE, HOTPOINT,
MONITOR, MAIL-A-VOICE, ZENITH

"I got one of those suits with two pairs of pants."

"How do you like it?"

"Not to well. It's darn hot wearing two pairs of pants."

"Tech" Student: "Did you get the cheque I sent you?"

Landlord: "I got it twice—once from you and once from the bank."

Steno: "I'm sorry to hear of your partner's death. Could my boy friend take his place?"

Boss: "It's okay with me—see if you can arrange it with the undertaker."

Pat: "What's a 'yet', Mike?"

Mike: "A yet? Never heard of it."

Pat: "Well it must be part of a man. Pete just told me about a guy who was shot and the bullet was in him, yet."

ROYAL CANADIAN ENGINEERS 13 FIELD SQUADRON

The Ideal Place in Which to Spend Your Spare Time

★ TRAINING IN:

Wireless Procedure - Bridging - Vehicle Maintenance
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McCormick Tractors and Farm Machinery

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CALGARY, Alberta

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Tractors

Motor Graders

RED DEER - CALGARY - EDMONTON - LETHBRIDGE - RED DEER

Concerning the speeding up of success. A fellow went around to the book stores, looking for magazines two years old. "Must they be that old?" asked the clerk.

"Yes," came the reply, "I just opened my doctor's office and I want these old magazines for my reception room—why should customers know that I just started in business?"

"Send automobile—if good, will send cheque."

"Send cheque—if good, will send car."

Don: "What's the name of that book you're reading?"

Ted: "What 20 Million Women Want."

Don: "Let's see if they spelled my name correctly."

PRECISION MACHINE AND FOUNDRY LTD.

Established 1919

WHOLESALE OF: Automotive and Industrial Parts and Garage Equipment.

COMPLETE MACHINE SHOP SERVICE

It's a wise decision to buy from Precision

CALGARY

EDMONTON



"My father was a conductor—in fact he was too good a conductor."

"Railroad? Orchestra?"

"Neither one—he was struck by lightning."

Little boy: "May I kiss you, Mary?"

Mary: "Not yet, I have scruples."

Little boy, throwing out his chest: "'S'all right, Mary, I've been vaccinated."



CHESNEY HARDWARE LTD.

. . . General Hardware — Heating — Air Conditioning

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7 1 7 7 7 — Telephones — 7 1 3 4 6

Ward Gas Furnaces

McClary Refrigerators

Two herrings stopped in a bar for a couple of snifters. One disappeared for a moment. A puzzled onlooker accosted the one who was left alone at the bar. "What happened to your brother herring?" he asked.

"How should I know?" replied the indignant herring. "Am I my brother's kipper?"



★ Serving Agriculture . . .

The Alberta Wheat Pool is a farmer-owned co-operative organization, operating a system of 486 country elevators and 2 giant terminals.

Since its inception the Pool has continuously set the standard of elevator practice in Alberta and has provided grain producers with savings, protection and bargaining strength. All farm people have benefited through the operation of the Alberta Wheat Pool.

Young farmers should interest themselves in this farmer co-operative and give it their full support.

Alberta Wheat Pool

What a relief: An instructor awoke one morning and found he had his feet on the pillow and his head at the foot of the bed. He got out of bed, and said, "By gosh, I thought I had a headache, and it really was my corns aching."

A "new car" dealer in a near-by village says there are some cars around town that are so old, the license bureau is making plans for issuing them upper and lower plates.

Best way to drive a baby buggy is to tickle its feet.

THE IMPORTANCE OF A COMMA—

Woman, without her man, is a savage.

Woman, without her, man is a savage.

THIS TRADE MARK IS YOUR POSITIVE GUARANTEE OF QUALITY IN ATHLETIC GOODS

All items stamped with the "Victor" trade mark are correct in every detail of design. They are manufactured in Canada to meet the exacting requirements of the Canadian sporting public. Your local "Victor" dealer can supply you with "Victor" Sporting Goods.

"IT PAYS
TO PLAY"



"To the Victor
Goes the Crown"

Distributed
by

MOTOR CAR SUPPLY

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Mr. Kerr discovered the youngster wandering around in the main lobby. Through kindness he asked him: "Perhaps you would like to see the 40-foot mural on the third floor. It's really quite interesting."

With an expression of awed anticipation, the boy hot-footed his way up the stairs.

A few minutes later there came a despairing call from the third floor. "What's the big idea of sending a guy up here to look for a 40-foot mule?"

A story of the Civil War: The General spoke to his men in the barricades. "Men," he drawled, "When the enemy comes within fifty feet, I want you all to retreat. Seeing I'm a little lame, I'm starting now."

The average girl would rather have beauty than brain, because the average man can see better than he can think.



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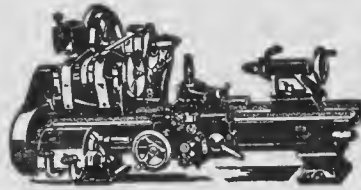
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"What's your age?" asked the magistrate.

"Remember," he continued, "you're under oath."

"Twenty-one years and some months," the lady answered.

"How many months?"

"One hundred and eight."

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Mrs. Smith has been concerned over her only son, a shy, silent boy of 14 who never seemed to want to mix with anyone, take part in school activities or even join in the fun in his own home. She arranged for the boy to be interviewed by a leading psychiatrist, to whom she explained that her son had a terrible inferior complex.

After the interview, the doctor sent for the mother. "Madam," he said, "your son has no inferior complex. He's just inferior."

"I see by the papers where the Constantinople Express was derailed and two hundred Turks and a man named Smith from Toronto were killed."

"My, my, my—the poor fellow."

Don't worry if your job is small
And your rewards are few;
Remember that the mighty oak
Was once a nut like you.

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Mr. Bowering called on one of his students to list some of the peculiarities of heat and cold.

"Things expand in heat and contract in cold," a student answered brightly.

"Give an example."

"In summer the days are long, and in winter they are short," said the student.

One of the "Tech" boys says a girl once told him she would scrub floors for him.

And the boy told her she had a lot of nerve to ask him to marry a scrubwoman.

Two Indians had watched with much interest the building of a lighthouse on the rocky West Coast. When it was finally completed they sat and watched it every night. A thick fog came rolling in one night, and the siren blew continuously.

"Ugh," grunted one Indian to the other. "The light she shine—the bell she ring—the horn she blow—but the fog she come in just the same."

A Scotch farmer had agreed to deliver 20 hens to the local market. Only 19, however, were sent, and it was almost evening before the farmer brought in the remaining one.

"Man," said the butcher, "you're late with this one."

"Aye," agreed the farmer, "but ye see she didna lay until this afternoon."

A long-time inmate of an insane asylum was pronounced cured by the examining board and came to bid the Director goodbye, "What are your plans?" asked the Director. "I haven't quite made up my mind," confided the ex-patient. "I may resume my medical practice. I've also been thinking about becoming a newspaper reporter. Then, on the other hand, I may be a tea-kettle."

There are three sides to a story—his, yours, and the truth.

An Indian fire writer was transmitting a message to his tribe in New Mexico when a terrific explosion not only interrupted him, but sent him flying into a ditch twenty yards away. It was an atomic bomb experiment, and the Indian pulled himself together in time to see a tower of smoke billow up into the sky. He watched in awe-stricken silence for a moment, then clucked his tongue and murmured, "Me no boast, but that's the biggest word I've ever written".

On a week-end, a "Tech" student speeding towards home was stopped by a patrolman. "Was I driving too fast?" he asked.

"Heck, no," replied the patrolman. "You were flying too low."

The unforgivable crime is soft hitting. Do not hit at all if it can be avoided: but never hit softly.

Building Construction Student: He hits the nail on the hand every time.

An ardent golfer came home from a round of golf and threw his bag in a corner. "How did it go?" asked a friend.

"Well, I broke ninety," he reported, "and you know I can't afford to break ninety clubs at the price they bring these days."

The refitted Queen Elizabeth is so colossal and luxurious that one passenger on the maiden voyage summoned a steward and said, "Would you please direct me to the Atlantic Ocean?"

The one who thinks our jokes are poor would straightway change his views should he compare the jokes we print with those we cannot use.

Sure, criticize the girls in pants,
Especially when retreating;
You men would look better in advance,
If you'd stop that over eating."

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Will trade set of P.D.Q. Business Administration for baby carriage.

Mrs. Denny: "I would like a yard of pork."

Dutcher: "A what?"

Mrs. Denny: "A yard of pork I said."

Butcher: "That is impossible."

Mrs. Denny: "All right then have your own way, give me three pig's feet."

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A new version of Daniel in the Lion's Den:

As the leader of the lions went for him, Daniel whispered in the lion's ear—and the lion backed away and didn't bother him any more. Daniel was questioned on how he was saved; what he said to the lion. And Daniel answered thus: "Don't be foolish, Lion—if they catch you eating me they'll call on you to make an after-dinner speech."

When you say "a penny for your thoughts," these days the guy takes it.

"Tech's" Pride :

When it was all over, they asked her how she liked the national pastime of baseball and she replied, "I liked the pitcher the best. He was wonderful, he hit the bat every time."

The survival of the fittest is going to make some guy awful lonesome some day.



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Mother: Son, I hope your room-mate at prep school doesn't swear."

Son: "Judge for yourself, Mother. The other night he stubbed his toe in the dark and shouted: 'Oh, the perversity of inanimate objects!'"

Happiness is the art of never holding in your mind the memory of any unpleasant thing that has passed.

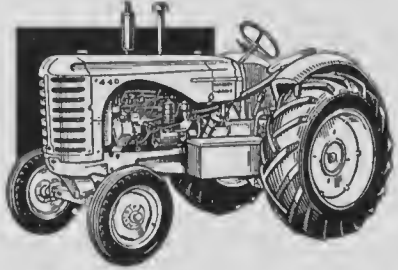
Mrs. Brown: My son is only six and he can spell his name.

Mrs. Jones: My son is six, too, and he can spell his name forward and backward.

Mrs. Brown: Gee, that's wonderful. What's his name?

Mrs. Jones: Otto.

He who waits for fortune to smile, is never sure of a meal.



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A young man from the city was sent to take an inventory of a farm. He hadn't had any experience in this type of work but he managed to make a list of all the chattels and stock until he came to an animal which he was unable to identify—a goat.

So he phoned his boss and said—"What do you call this thing that's around here with a rough coat that's worn out in spots, a beard, and a long, sad face?"

"That, you fool, is the farmer."

It seems seven hundred years ago the Chinese invented gunpowder — and are just learning how to use it.

Athlete: "How high is my temperature, Doc?"

Doctor: "A hundred and one."

Athlete: "What's the world's record?"

The Harlem Hideeho Boys' Club chartered a boat for a cruise. About a hundred miles out to sea, a terrific storm blew up. Up to the deck rushed the Captain. "Who can pray?" he cried. "I can," answered Mose.

"Then you'd better start in—we're one life preserver short," yelled the Captain.

In a final effort to discipline her bad and wayward chick, mother hen said to him, "If your father could see you now, he'd turn over in his gravy."

The housewife was having her second cup of coffee in the breakfast nook. She heard the back door open and thinking it was her son, called out: "Here I am, Darling."

After a moment, a rather embarrassed voice replied: "This isn't the regular ice man, ma'am."

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